

# Dreambox DM 7025

**DREAM**  
*multimedia*



## Bedienungsanleitung

Digitaler Satellitenempfänger zum Empfang von freien und verschlüsselten DVB-Programmen mit optionaler digitaler Aufzeichnungsmöglichkeit.

Mit Kommunikations-Schnittstelle  
und PCMCIA-Schnittstelle für CI-Module  
Anschluss für interne Festplatte  
Compact Flash Schacht  
Grafisches LC-Display  
Twin Tuner steckbar  
Smartcard Leser  
Linux OS

## User Manual

Digital satellite receiver for free and encrypted Digital Video Broadcasting (DVB) with optional digital recording capability.

Communication-Port  
PCMCIA-Slot for CI-Modules  
Internal hard disk connector  
Compact Flash Slot  
Graphical LC-Display  
Pluggable Twin Tuner support  
2 Smartcard Readers  
Linux OS

**DVB**  
Digital Video  
Broadcasting

**Stab - USALS**  
UNIVERSAL SATELLITES  
AUTOMATIC LOCATION SYSTEM

**DD DOLBY**  
DIGITAL  
*Streaming*

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## 1. Before initial operation of the receiver

### 1.1 Safety instructions

Please read the safety instructions completely and carefully, before using the Dreambox. The Manufacturer takes no responsibility for damages as a result of incorrect handling of the Dreambox.

- Allow enough space around the Dreambox for sufficient ventilation.
- Do not cover the top of the Dreambox and allow enough space to other devices. The louvers of the devices must be free at all times to allow sufficient heat transfer from inside the device.
- Never put vases or any other liquid filled containers on top of the device. Do not expose the device to dripping or splashing liquids.
- Do not place open flame sources, such as lit candles, on top of the device.
- The device may only be operated in moderate climate.
- Do not remove the cover. Risk of electric shock. If it is necessary to open the device please contact a trained professional.



- Do not put any metal things into the slots or ventilation openings.
- The installation of a hard disk is only allowed by skilled personal or your local dealer.

#### **ATTENTION!**

**Modifications and changes to the Dreambox lead to loss of warranty if not performed and documented by skilled personal.**

#### **ATTENTION!**

**We recommend the installation of a hard disk by your local dealer.  
Unskilled installation of a hard disk leads to loss of warranty.**

## Shut down

- In case your Dreambox is in use for a longer period of time disconnect the power plug from the power outlet.
- During thunder storm the unit should also be physically disconnected from the power outlet.

## Additional safety instructions

- (Dis-)Connecting to a LNB:  
Turn the Dreambox off before you connect or disconnect a cable coming from or going to a LNB.
- Connecting to a TV:  
Before connecting or disconnecting your Dreambox to/from a TV please turn it off.
- In case you notice any damage to the power cord or power plug immediately disconnect the device from the power outlet.
- In case the device was exposed to humidity immediately disconnect the device from the power outlet.
- In case you notice any serious damage to the outer shell of the device immediately disconnect the device from the power outlet.
- Do not expose the Dreambox to direct sunlight, lightning or rain.
- Grounding:  
The LNB cable must be grounded.  
The grounding system must meet SABS 061 requirements.
- Cleaning:  
Disconnect the mains power cord before cleaning the cover. Use a slightly damp cloth without cleaning agents.
- Connect the Dreambox only to suitable sockets. Do not allow overloads to occur.

**Note:** The Dreambox DM 7025 carries the CE-Sign and fulfills all requirements from the EU.

Version: 01-08-06

Subject to change without prior notification.

## Disposal instructions

The packaging of the Dreambox only consists of reusable materials. Please recycle if possible.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

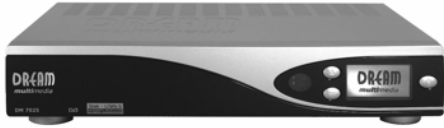


For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Please note that empty batteries and electric waste is not to be put into the regular garbage.

## 1.2 Packaging contents

Please check the completeness of the box's contents.  
Included in box:



Dreambox DM 7025



Remote control



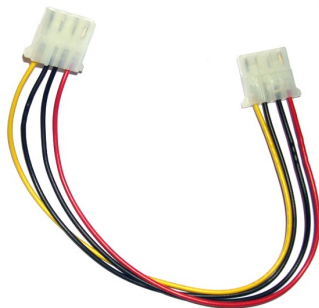
2 Batteries  
(1,5V Mignon / AA / LR6)



1 IDE-Cable  
(already installed inside the device)



1 Power cord



1 HDD power cable (already installed inside the device)

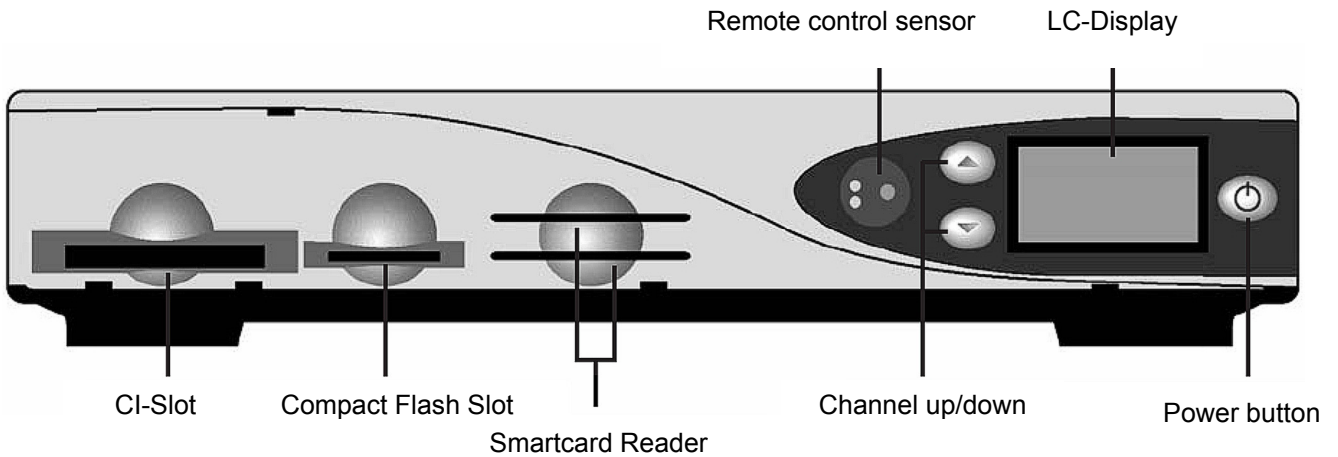


1 User manual (most recent version online:  
<http://www.dream-multimedia-tv.de> )

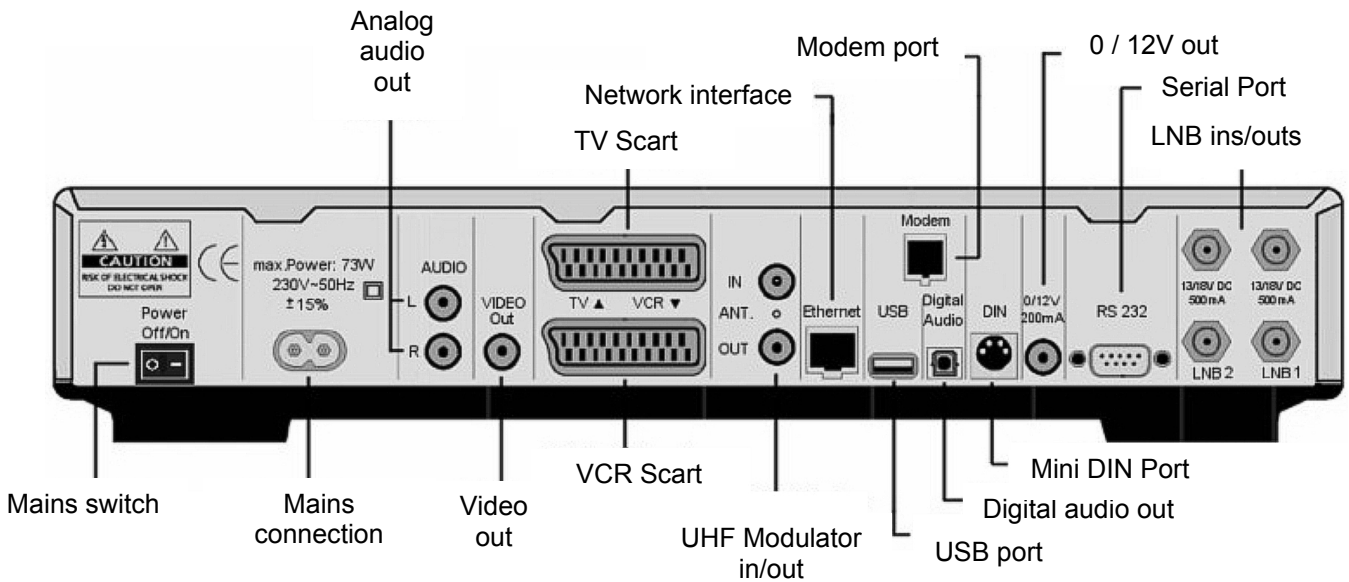


### 1.3 Views

#### Front panel



#### Rear panel



### 1.3.1 Explanation Front Panel

#### CI-Slot

Plug in here any CI- Module of your choice.

#### Compact Flash Slot

The Compact Flash Slot is meant to hold a Compact Flash Module. The Compact Flash Module can be plugged in during regular operation.

#### Smartcard reader

Insert your Dreamcrypt Smartcard with the golden chip facing down and forward into one of the two Smartcard reader slots. Dreamcrypt is a registered trademark of Dream-Multimedia.

#### Remote control sensor

The remote control sensor receives the infrared signals of the Dream Remote Control.

#### Channel up/down

Using the **channel-up** and **-down** buttons you can switch the channels directly on your Dreambox.

#### LC-Display (LCD)

The graphical LC-Display shows all major Information for the selected service.

#### Power button

The Power-Button switches your Dreambox on and off.

## 1.3.2 Explanation rear panel

### Mains switch

The main power switch completely cuts power from your Dreambox.

### Mains connection

Plug the power cable into the main power socket. You must not connect the power plug to anything other than a socket that supplies 110V/60Hz or 230V/50Hz.

### Analog audio out (RCA)

Connect your Dreambox with a RCA/Cinch cable to your HiFi-Amplifier (e.g. AUX In or Tape In ports).

### Video out (Composite)

You can optionally connect your Dreambox to a TV using a RCA/Chinch cable.

### TV Scart

Connect your TV, projector or beamer to your Dreambox using a Scart cable.

### VCR Scart

Connect your VCR or DVD player to your Dreambox using a Scart cable. Remember, the VCR Scart is not designed to record a video signal from the VCR or DVD player.

### UHF Modulator

You can optionally connect your Dreambox to your TV via a coaxial cable.

### Network interface (Ethernet 10/100Mbit, RJ45)

The Communication Port is an Ethernet port. It is used to communicate with your Dreambox via HTTP, FTP, NFS, Telnet and Samba to access your recorded movies, to upload channel lists, etc. This port is also used to update the operating system of your Dreambox. Please use a regular patch cable to connect your Dreambox to your LAN.

### USB port

The USB Port is designed for devices that support the USB 1.1 standard. The amount of supported USB devices depends on the installed image (Software) and is still under development.

**Modem port (optional)**

You can optionally connect your Dreambox to your ISP via the Modem Socket using a phone line. The modem can be ordered from Dream Multimedia.

**Digital audio out (Toslink)**

You can connect your Dreambox with an optical (Toslink) cable to your HiFi-Amplifier or DSP. The AC3 signal is also available at this port in case the selected channel transmits Dolby Digital signals.

**Mini DIN Port**

The Mini DIN port is an expansion port.

**0 / 12V out**

The 0 / 12V out provides a maximum current of 200mA and can be used to control your satellite equipment.

**Serial port (RS232C, Sub-D, 9-pol.)**

The Serial Port is used to update the operating system. Please connect a serial null modem cable here.

**LNB1 in (DVB-S Tuner)**

Connect the coaxial cable from your LNB here.

**LNB2 in (DVB-S Tuner)**

Connect the second coaxial cable from your LNB here. If you don't have a second coaxial cable from your LNB available you can optionally use a coaxial cable to connect the LNB1 out with the LNB2 in.

This offers you the option to have more channels available for parallel recording.

**LNB1 and LNB2 out (DVB-S Tuner)**

You can connect an analog/digital receiver here. Remember to shutdown your Dreambox into Deep-Standby-Mode in order for the receiver to work.

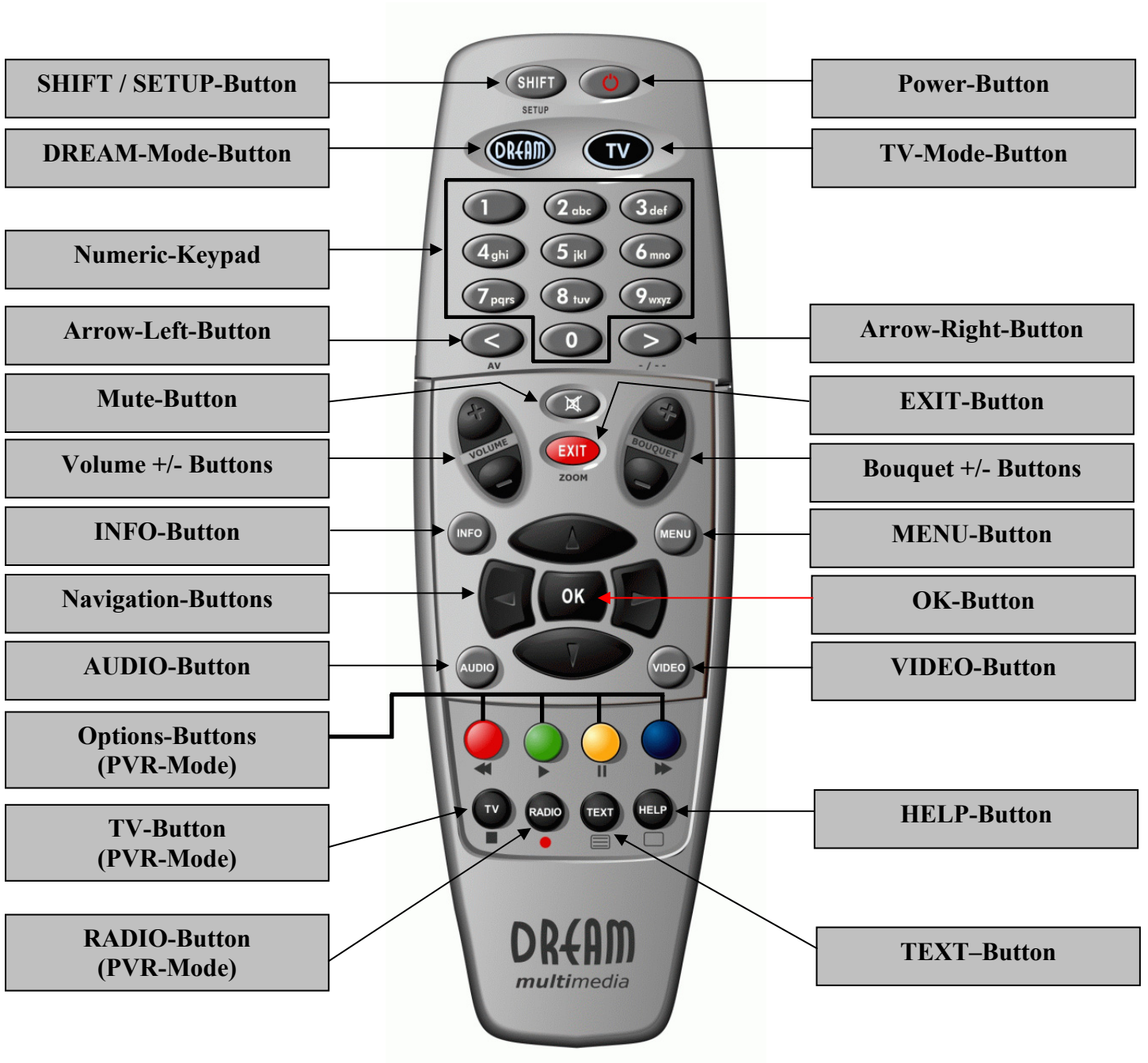
**Antenna in (DVB-C/T Tuner)**

Connect the coaxial cable from your antenna here.

**Antenna out (DVB-C/T Tuner)**

You can optionally connect your TV or VCR here.

### 1.4 Remote control



## Important notes about operation

All functions of the Dreambox can be controlled via OSD-Menu (On-Screen-Display). This makes the handling of the Dreambox very easy for you. All options are indicated by four colored dots or beams (**red, green, yellow, blue**) in the OSD-Menu and can be started with the Option-Buttons on the Remote Control.

Depending on the chosen Menu, these options do vary.

The **Options-Buttons** of your remote control have multiple functions. You will notice control symbols below the four colored **Options-Buttons**, the **TV-** and the **RADIO-Button**. In PVR-Mode these buttons are used to control the digital recording according to their symbols. Pressing the **VIDEO-Button** on your remote control will activate the PVR-Mode. The InfoBar will also indicate this. It changes from showing the channel information to showing the control symbols for the PVR-Mode. (also see **7.3.1. Instant recording**)



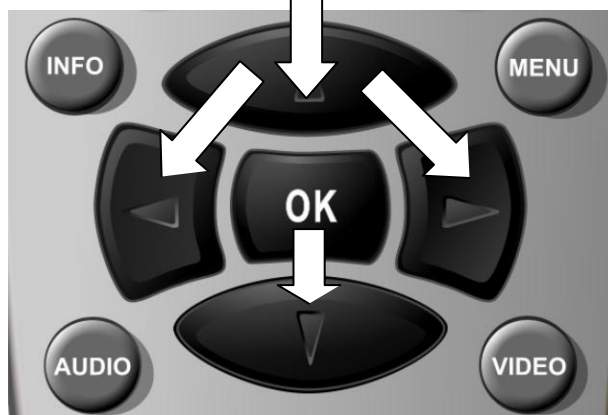
All Menus and Service lists are closed with the **EXIT-Button**.



In general the menus are controlled using the **Navigation-Buttons** on your remote control.

**Navigation-Buttons**

To get into a submenu you have to press the **OK-Button**.



## Explanation remote control buttons

### SHIFT / SETUP-Button

The **SHIFT/ SETUP-Button** is used to preprogram the remote control to operate a TV. See chapter **14. TV-Mode setup**.

### Power-Button

The **Power-Button** switches your Dreambox on and off. See chapter **4.1 Turning your Dreambox on and off**.

### DREAM-Mode-Button

The **DREAM-Mode-Button** switches your remote control into Dreambox control mode. It will shortly light up once your press the button.

### TV-Mode-Button

The **TV-Mode-Button** switches your remote control into TV control mode to control your preprogrammed TV. It will shortly light up once your press the button. See chapter **14. TV-Mode setup**.

### Numeric-Keypad

Enter a service number to directly access the option by using the **Numeric Keypad**. The service numbers are on the left side of the service list.

The **Numeric Keypad** can also be used to enter the teletext page number when you are in TV-Control-Mode and if your TV is teletext capable. The TV station has to submit teletext information; otherwise this feature cannot be used.

### Arrow-Left-Button

### Arrow-Right-Button

The **Arrow-Left** and **Arrow-Right-Button** enable you to jump back and forth between the last 20 channels you have watched. If you have selected a sub service (see chapter 4.6) you can use these buttons to switch to the next sub service.

**Mute-Button**

Pressing the **MUTE-Button** mutes the Volume. A crossed speaker symbol will appear on the TV screen. Pressing it again or pressing one of the **Volume +/- Buttons** brings back the audio.

**EXIT-Button**

You can leave all menus and service lists by pressing the **EXIT-Button**.

**Volume +/- Buttons**

The **Volume +/- Buttons** control the volume of the audio. Pressing **+** will make turn it up and pressing **-** will turn it down.

**Bouquet +/- Buttons**

Pressing the **Bouquet +/- Buttons** will jump back and forth between the bouquets.

**INFO-Button**

If no OSD menu is visible on the screen and you are in TV or RADIO-Mode, pressing the **INFO-Button** will reveal the EPG information of the chose channel if it is available.

**Navigation-Buttons**

In general the menus are controlled using the **Navigation-Buttons** on your remote control. To get into a submenu you have to press the **OK-Button**.

**OK-Button**

By pressing the **OK-Button** you confirm a selection in the menu or service list navigation.

If no OSD menu is present on your screen, the infobar is shown once you press the **OK-Button**.



### MENU-Button

If you are in TV- or RADIO-Mode, pressing this button will bring up the OSD main menu. The OSD main menu has the following options:



You can switch to the needed option by pressing the **Navigation-Buttons up** or **down**.

If you are in the service list, pressing the **MENU-Button** brings up the service menu. The shown options may vary depending on the service list you selected.

### AUDIO-Button

By pressing the **AUDIO-Button** you can choose the different audio tracks offered by the station.

### VIDEO-Button

Pressing the **VIDEO-Button** activates the PVR-Mode. The Infobar will show the control symbols. You can instantly start recording by pressing the **red Options-Button** on your remote control.

### Options-Buttons (PVR-Mode)

All possible options are shown by the four colored dots/blocks (red, green, yellow, blue) and can be activated by the **Options-Buttons**. These buttons have multiple functions and are also used to control the PVR-Mode.

Depending on the menu you currently are in the options will change and will be named differently.

**TV-Button  
(PVR-Mode)**

Pressing the **TV-Button** activates the TV-Mode. In PVR-Mode this button is mapped with the stop function as indicated by the small square underneath it.

**HELP-Button**

Pressing the **HELP-Button** activates the Help menu.

**RADIO-Button  
(PVR-Mode)**

Pressing the **RADIO-Button** activates the RADIO-Mode.

**TEXT-Button**

The **TEXT-Button** activates the Teletext.

## 2. Installation

### 2.1 Turning the device on

- Place the batteries inside the battery compartment of the remote control keeping in mind the right polarity.
- Before using the Dreambox, please read the safety instructions (See chapter **1.1 Safety instructions**)
- Connect the LNB or antenna with a coaxial cable to LNB1/2 in or Antenna in at your Dreambox.  
See chapter **1.3.2 Explanation rear panel**.
- Connect the Dreambox with a Scart cable to your television screen and if available connect your DVD Player or VCR to the VCR Scart of the Dreambox.
- Plug in the power cable into the Dreambox and then into a 110V/60Hz or 230V/50Hz power socket.
- If you are using a switchable power socket please shutdown your Dreambox into deep standby before switching off the power socket. See chapter **4.1 Turning your Dreambox on and off**
- If you switch on your Dreambox for the first time, you will see the setup wizard. The setup wizard will guide you through the first time installation. Follow the instructions on the screen. See chapter **3. Start wizard**.
- Please note that the factory setting for the video format is CVBS (FBAS).

### 3. Start wizard

#### 3.1 Language selection

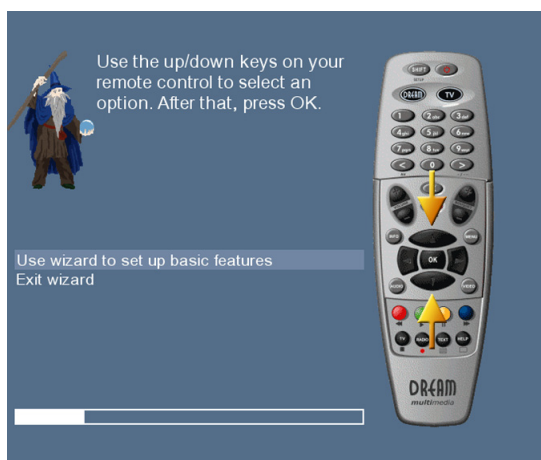


Select your desired and language with the **Navigation-Buttons up and down**. Press the **OK-Button** to activate.



The start wizard takes you through the basic setup of your Dreambox.

Press the **OK-Button** on your remote control to get to the next step.



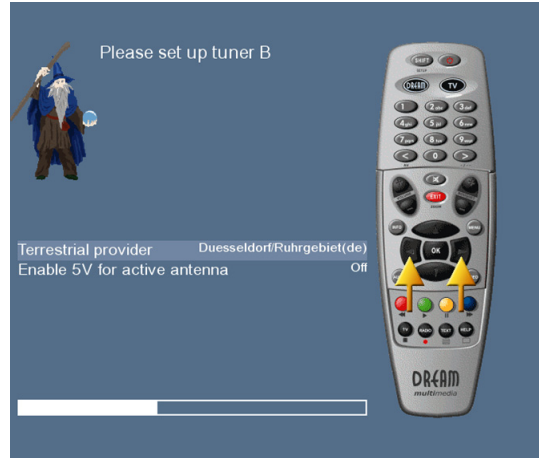
You will be asked if you want to set the basic settings for your Dreambox now or if you want to quit the start wizard.

Using the **Navigation-Buttons up and down** select your desired option and press the **OK-Button** to activate your selection.

If you chose "User wizard to setup basic features" you will be taken to the menu for the language selection.

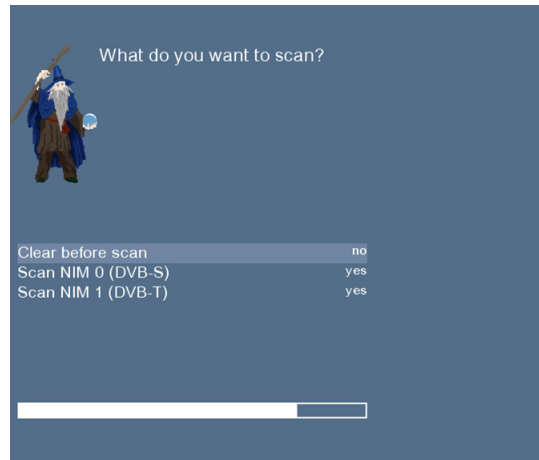
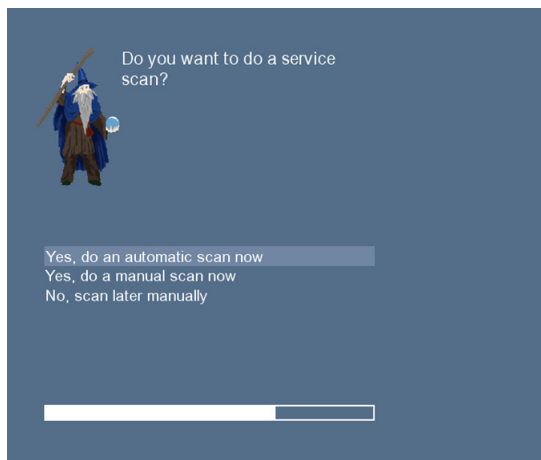
### 3.2 Tuner setup

Detailed information about the tuner setup can be found in chapter **11.1 DVB-S Tuner configuration**

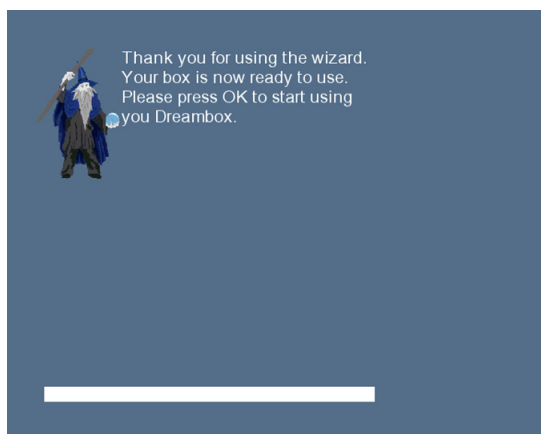


### 3.3 Service scan

Detailed information about the service scan can be found in chapter **11.2 Automatic scan**



### Finalizing the basic setup



## 4. Basic operation

### 4.1 Turning your Dreambox on and off

Use the **Power-Button** to turn your Dreambox on and off.

To put your Dreambox into Standby-Mode either press the **Power-Button** on your remote control or directly on your Dreambox. The current time will be shown in the Dreambox's LC-Display.



Holding down the **Power-Button** on your remote control for three seconds will put your Dreambox into the Deep-Standby-Mode.

You can also put your Dreambox into Deep-Standby-Mode by using the OSD main menu. Choose the Option "Standby / Restart" in the OSD main menu and navigate to "Deep Standby" option afterwards. Pressing the **OK-Button** will put your Dreambox into the Deep-Standby-Mode.

Alternatively you can push down the **Power-Button** on your Dreambox for 5 seconds. If no OSD Menu is visible on the screen this will also put your Dreambox into Deep-Standby-Mode.

All your settings will be saved now and your Dreambox goes into Deep-Standby-Mode afterwards (saves energy!).



This is the Standby / Restart menu. Navigate to the desired option and confirm by pressing the **OK-Button**.

Restart:  
Your Dreambox will be rebooted.

Deep Standby:  
Puts your Dreambox into Deep-Standby-Mode.

### 4.2 Service selection

Pressing the **Left/Right-Buttons** on your Dreambox remote control will take you to the previous or next service.

Pressing the 0 on the Numeric-Keypad will enable you to skip back and forth between the two most recently watched services. This feature is quite useful during commercial breaks since it enables you to watch another channel and quickly check if your movies is back on.

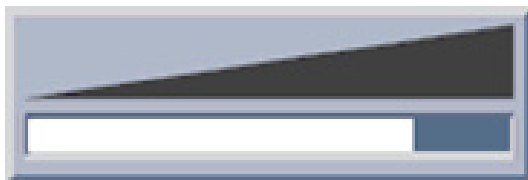
### 4.3 Changing channel using the service list



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

Use the **Navigation-Buttons up/down** to select the desired service and press the **OK-Button** to change to the selected service.

### 4.4 Controlling the volume



The **Volume +/- Buttons** control the volume of the audio. Pressing **+** will make turn it up and pressing **-** will turn it down.

Pressing the **MUTE-Button** mutes the volume. A crossed speaker symbol will appear on the screen.

### 4.5 Changing the audio track

Pressing the **AUDIO-Button** in TV or Radio Mode will reveal the “Audio” menu of the selected service.

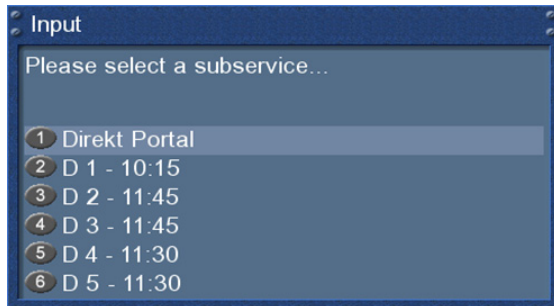


Use the **Navigation-Buttons up and down** to move to desired audio track. Press the **OK-Button** to select.

The contents of this menu will vary from service to service.

## 4.6 Sub Services

The green dot in the Infobar appears if the selected station transmits sub services.



Pressing the **green Options-Button** in TV or Radio mode will reveal the sub services menu.

Use the **Navigation-Buttons up** and **down** to move to one of the sub services. Press the **OK-Button** to select.

## 4.7 TV/Radio switching

Pressing the **RADIO-Button** activates the RADIO-Mode. By pressing the **TV-** or **EXIT-Button** you can quit the RADIO-Mode.

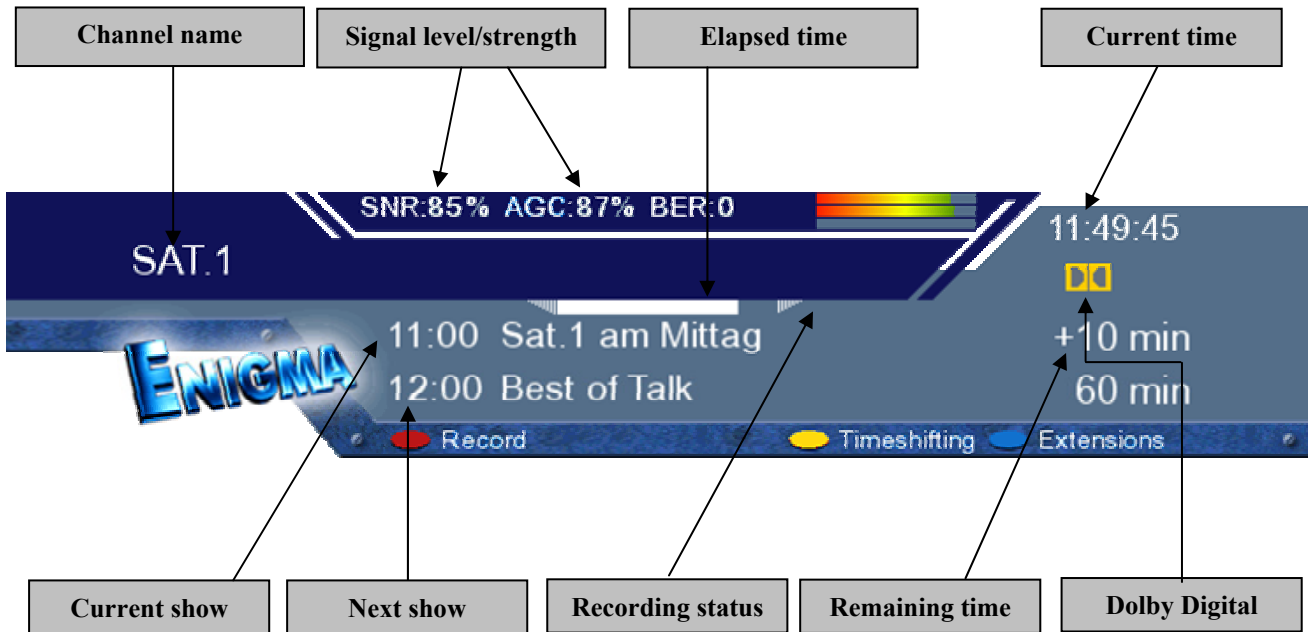
## 4.8 Teletext




Use the **Text-Button** to enter the teletext and the **Exit-Button** to leave.

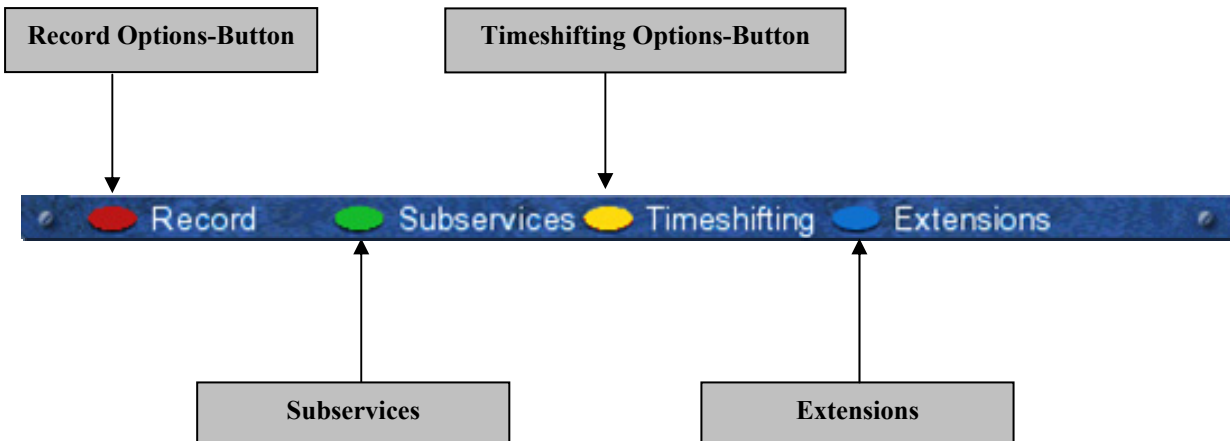


### 4.9 Infobar

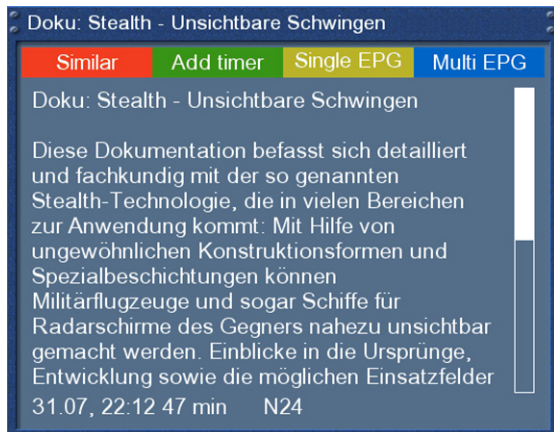
The Infobar appears and disappears by pressing the **OK-Button** once, if no OSD menu is shown on your screen or when you change channels. The Infobar shows all necessary Information about the selected service.



-  → Is highlighted yellow as soon as a show is broadcasted encrypted.
-  → Is highlighted yellow as soon as a show is broadcasted in Dolby Digital.
-  → Is highlighted yellow as soon as a show is broadcasted in 16:9 aspect ratio.



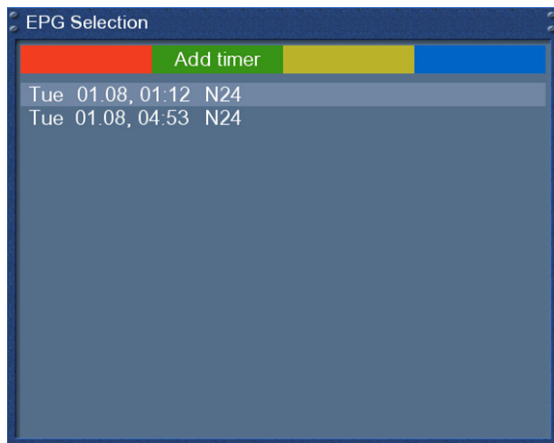
## 5. Electronic Program Guide - EPG



By pressing the **INFO-Button** in TV-Mode you are supplied with detailed information about the current show and by pressing the **Right-Button** afterwards about the next show.

Pressing the **yellow Options-Button** activates the “Channel-EPG” (See chapter 5.1) and pressing the **blue Options-Button** activates the “Multi-EPG” (See chapter 5.2).

The Dreambox automatically searches for similar broadcasts in the background. If one or more similar broadcasts are found the label “Similar” will appear in the red window.



Pressing the **red Options-Button** opens a listing of similar broadcasts.

By pressing the **green Options-Button** you can set a timer for this rerun.

For additional information about recording by timer please see chapter 7.3.3 Recording by timer.

### 5.1 Single-EPG



In this view you are supplied with detailed information about the currently selected channel's programming.

## 5.2 Multi-EPG

Use the **blue** and **yellow Options-Buttons** to switch between the **now**, **next** and **more** views. Pressing the **green Options-Button** will give you the possibility to automatically copy the start and end time of the selected show into a recording timer..



If you have set the “Multi bouquets” option to “yes” (see chapter 10.2) a selection of you bouquets will appear. Select the bouquet for which you want the Multi-EPG view.

This view shows the currently airing shows on the services listed in the left column.

A progress bar showing the progress of the currently airing show is placed next to the service’s name.

Using the **Navigation-Buttons up and down** you can select a service, just like in the service list, and change to the selected service by pressing the **red Options-Button**.



General overview of the following programming.



General overview of the upcoming programming for the following days. (Depending on the station up to one week).

## 5.2.1 Time/Date Input



Press the **Menu-Button** in the Multi-EPG view.

A

A window will appear where you can enter a time and date.

After you have entered the desired time and date press the **OK-Button** to activate you selection.

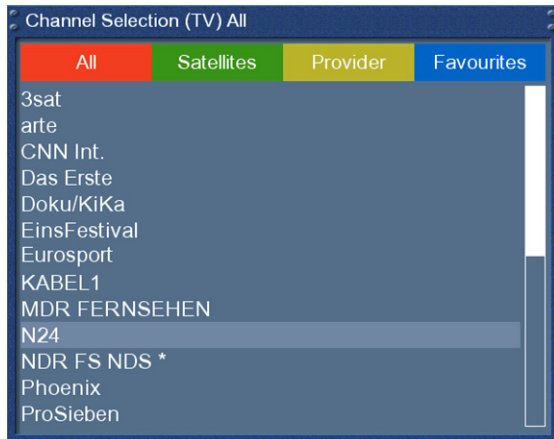


The Multi-EPG will be displayed according to you set time and date.

As a example we have selected 20:15. All shows starting 20:15 are displayed.

## 6. Edit the channellist

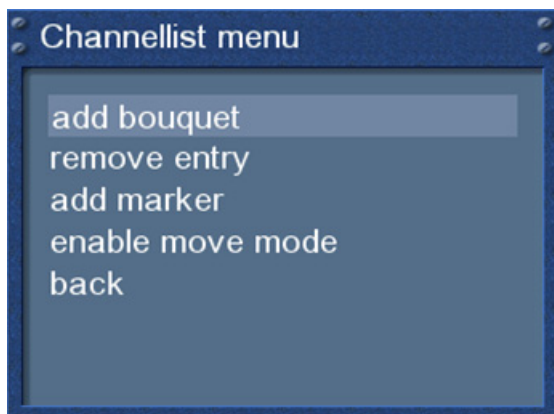
### 6.1 Adding a bouquet



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

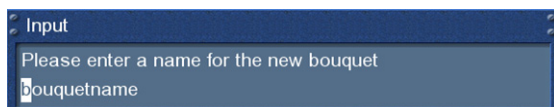


Press the **blue Options-Button** to switch to the bouquet view.



By pressing the **Menu-Button** the "Channellist menu" will open up.

Navigate to the option "add bouquet".



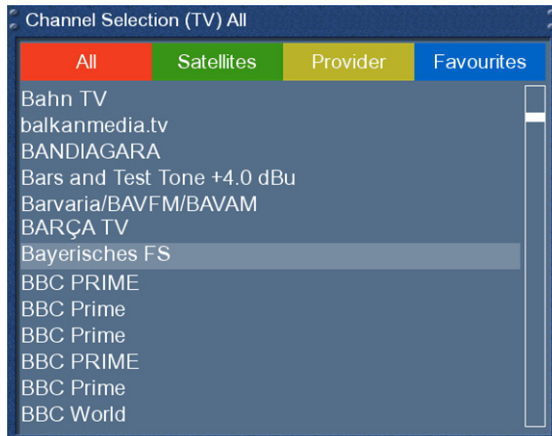
Use the **Numeric-Keypad** on your remote control to enter the name for the new bouquet. The according letters are printed on button.

The **Mute-Button** deletes a character.

Press the **OK-Button** to add the new bouquet to your favourites list. You will be taken back to the "Channellist menu".

## 6.2 Add a service to favourites

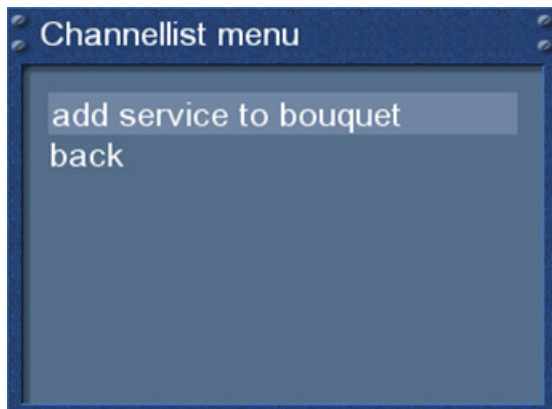
If you want to add a service to your **Favourites-view** you can choose from services in the **All-, Satellites- and Provider-views**. You can switch views by pressing the **red, green, yellow and blue Options-Buttons**. At this point we only describe the process from the **All-Bouquet** since it is the same for the others.



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

Press the **red Options-Button** to change to the All-view.

Use the **Navigation-Buttons up/down** to select the desired service and press the **MENU-Button** to open the "Channellist menu".



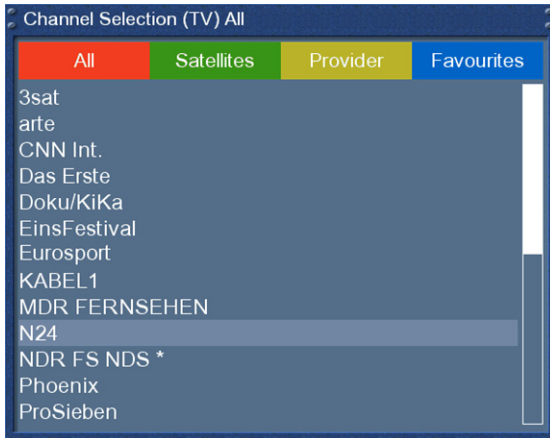
Navigate to the option "add service to bouquet".

If you are using more than one bouquet this option is named "add service to bouquet" instead and you will get a list of your bouquets afterwards. You can choose to which bouquet you want to add the currently selected service.

If you are using only one bouquet which is the factory default, the service will be added to you favourites list.

### 6.3 Adding multiple services to a bouquet

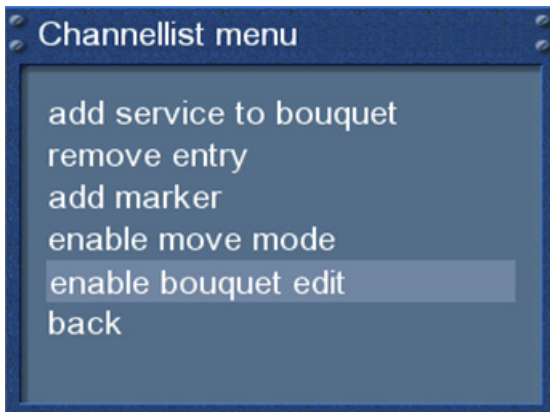
You can select multiple services from the All-view to be added to the currently selected bouquet.



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

Use the **Bouquet +/- Buttons** to switch to the desired bouquet. As an alternative you can press the **blue Options-Button** and select the desired bouquet.

After that select a service and switch to it by pressing the **OK-Button**.



By pressing the **Menu-Button** the "Channellist menu" will open up.

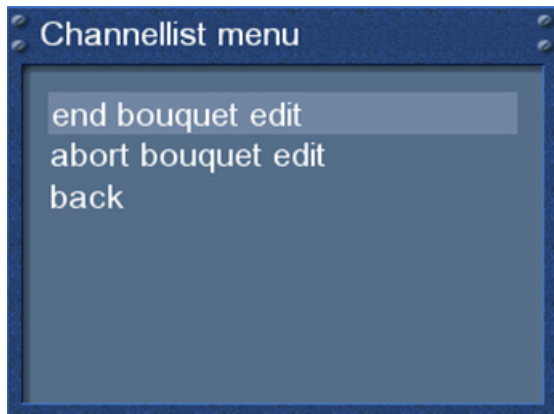
Navigate to the option "enable bouquet edit". The All-view will open up.



All services that are in the selected bouquet are highlighted red.

Use the **Up/Down-Buttons** to navigate to a desired service and press the **OK-Button** to select. The service will be highlighted red. Using this method you can select additional services that you want to add to the bouquet.

Once you have selected all services that you want to add, press the **Menu-Button**. The "Channellist menu" will open up.



Choose the "End bouquet edit" option. All highlighted services will now be added to the bouquet that you selected in the beginning.

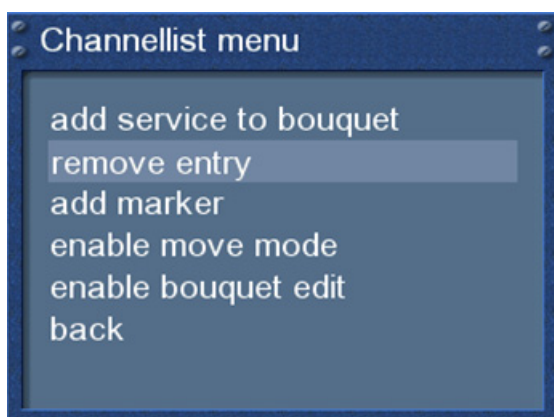
If you are only using one bouquet, which is the default setting, the selected services will be added to your favourites list.

## 6.4 Remove a service from favourites



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

Use the **Navigation-Buttons up/down** to select the desired service and press the **MENU-Button** to open the "Channellist menu".



Navigate to the option "remove service".

The selected service will be deleted from your favourites list.

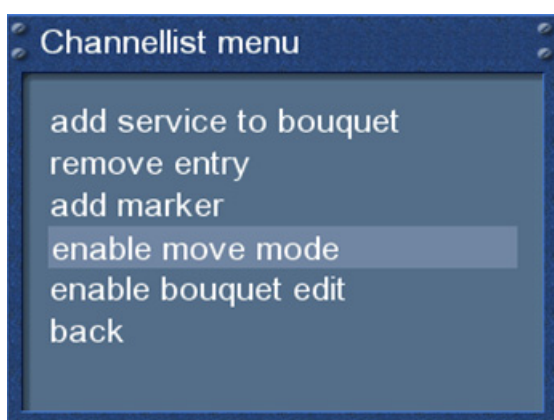


## 6.5 Moving a service to favourites



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

Use the **Navigation-Buttons up/down** to select the desired service and press the **MENU-Button** to open the “Channellist menu”.



Navigate to the option “enable move mode” and press the **OK-Button**.



Use the **Navigation-Buttons up/down** to select the service that you want to move and press the **OK-Button**.

The service will be highlighted red.



Use the **Navigation-Buttons up** and **down** to move the service to the desired position. Press the **OK-Button** to release the service and thus placing it at it's new position.

You can move services as long as the move mode is activated. To disable the move mode press the **MENU-Button** to get into the “Channellist menu” and chose the option “disable move mode” by pressing the **OK-Button**.

## 6.6 Adding a marker to favourites

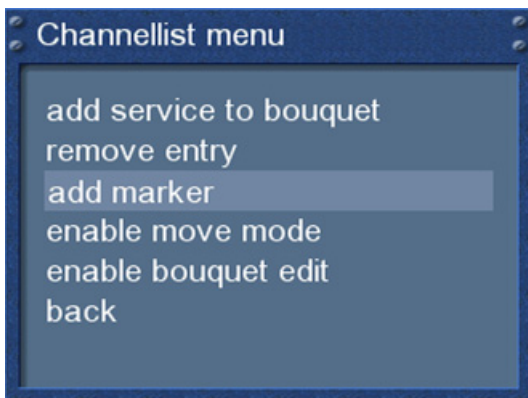
You have the option to add markers within the favourites bouquets.



Pressing the **Up/Down-Buttons** on your remote control activates the service list.

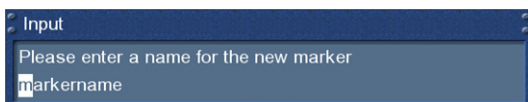
Use the **Bouquet +/- Buttons** to switch to the desired bouquet. As an alternative you can press the **blue Options-Button** and select the desired bouquet.

Select a service. The marker will be added above the selected service.



By pressing the **Menu-Button** the "Channellist menu" will open up.

Navigate to the option "add marker".



Use the **Numeric-Keypad** on your remote control to enter the name for the new bouquet. The according letters are printed on button.

The **Mute-Button** deletes a character.

Press the **OK-Button** to add the marker to your favourites list. You will be taken back to the "Channellist menu".



As an example we have added two markers as shown in the picture on the left.

Use the **Arrow-Left** and **Arrow-Right-Buttons** to jump between those two markers.

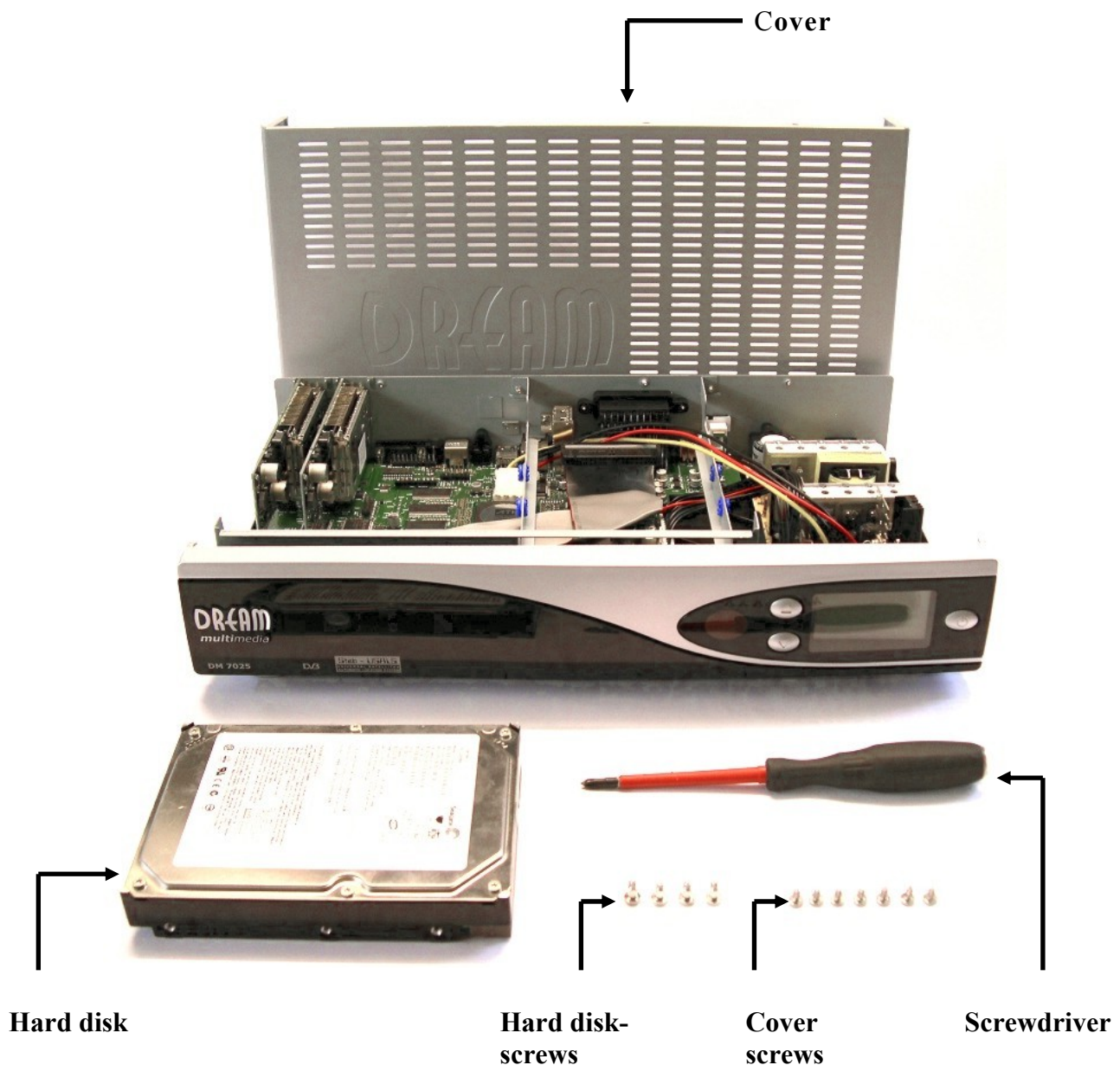
## 7. Hard disk operation

### 7.1 Mounting guidelines

This chapter describes how to mount a hard disk inside your Dreambox DM 7025.

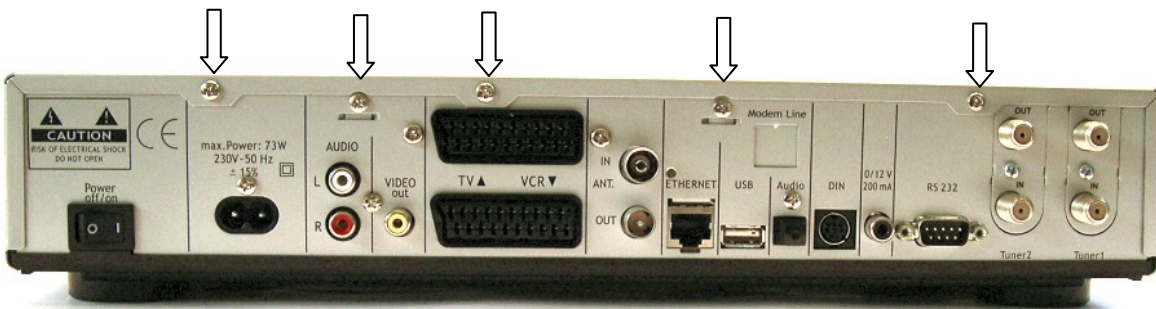
Please always adhere to ESD (Electrostatic Discharge) regulations when handling electronic devices. Make sure that you are grounded. Do not open the device in your living room or in any other rooms with carpeting or any other flooring that can carry an electrostatic charge. Remove all connection from the device. Only open the device with the tools depicted in this manual. Try to avoid direct contact with the main circuit board. If all this doesn't mean anything to you or if you have too many question, please contact your dealer or technician. Also notice the warranty notes in chapter **1.1 Safety instructions**.

This picture shows everything you need for installing the hard disk.

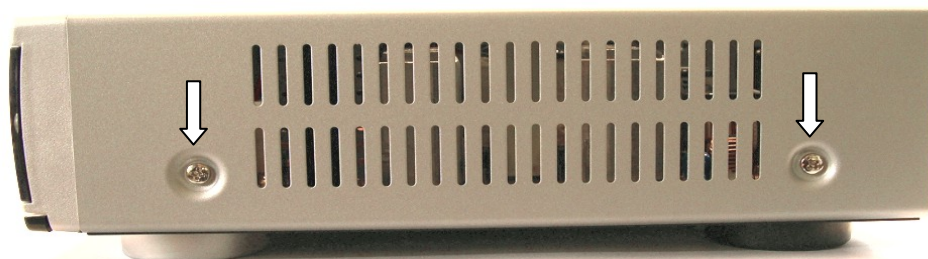


**Parts list**

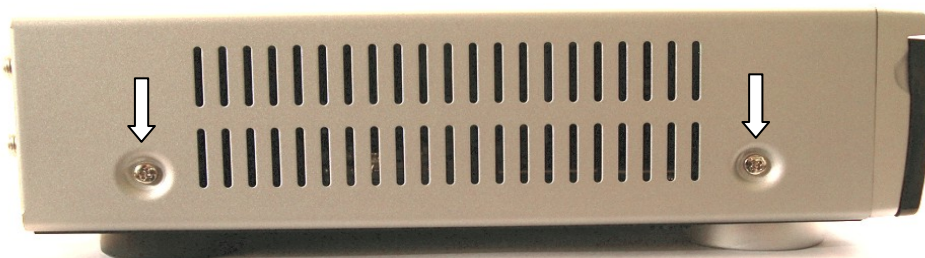
- 1 Dreambox (including the 11 Phillips screws for the cover and the hard disk cage).  
The IDE cable and the hard disk power cord are already installed inside the Dreambox DM7025.
- 1 Phillips screwdriver
- 1 Hard disk of your choice
- 4 Hard disk mounting screws

**Action:**

Remove these 5 screws on the rear panel.



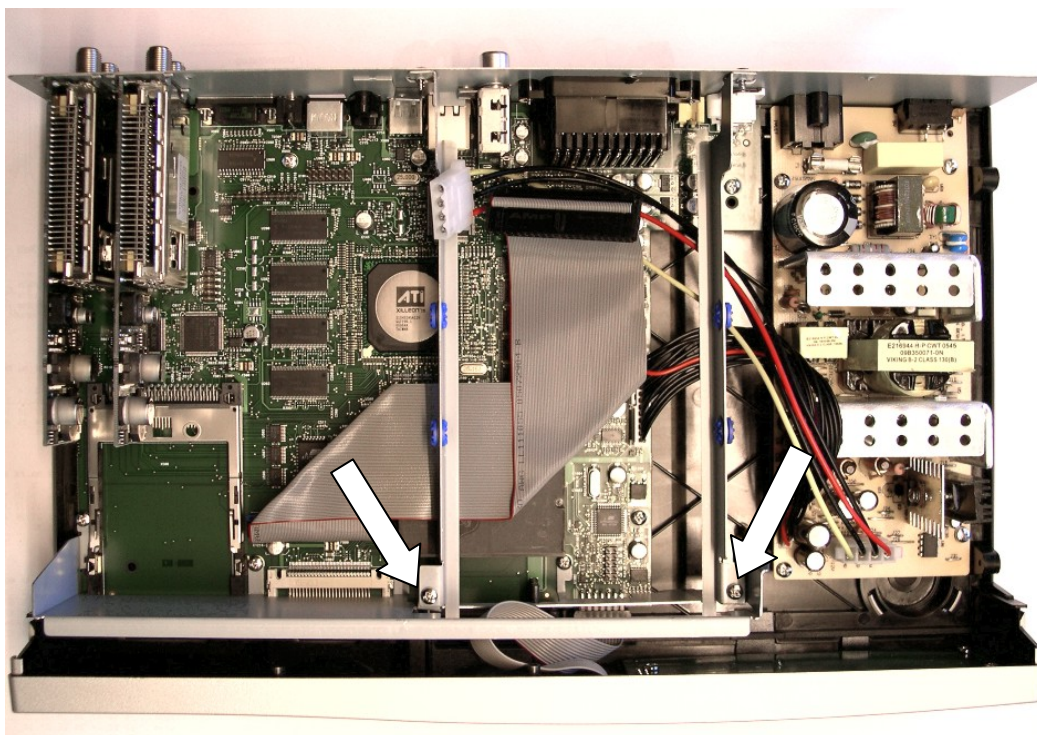
Remove these 2 screws at the right side of the device.



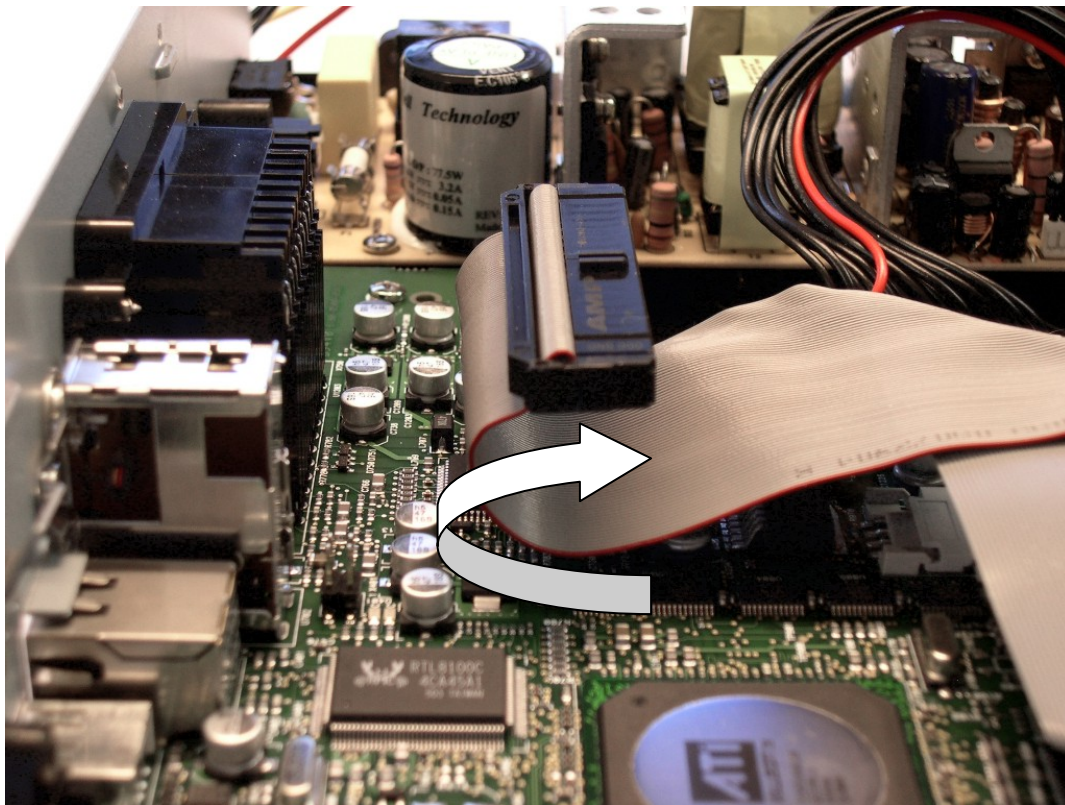
Remove these 2 screws at the left side of the device.



Lift the cover on the sides and slide it backwards.



Remove the 2 screws from the hard disk cage.  
Remove the hard disk cage by lifting it upwards.



Bend the IDE cable as shown in this picture.



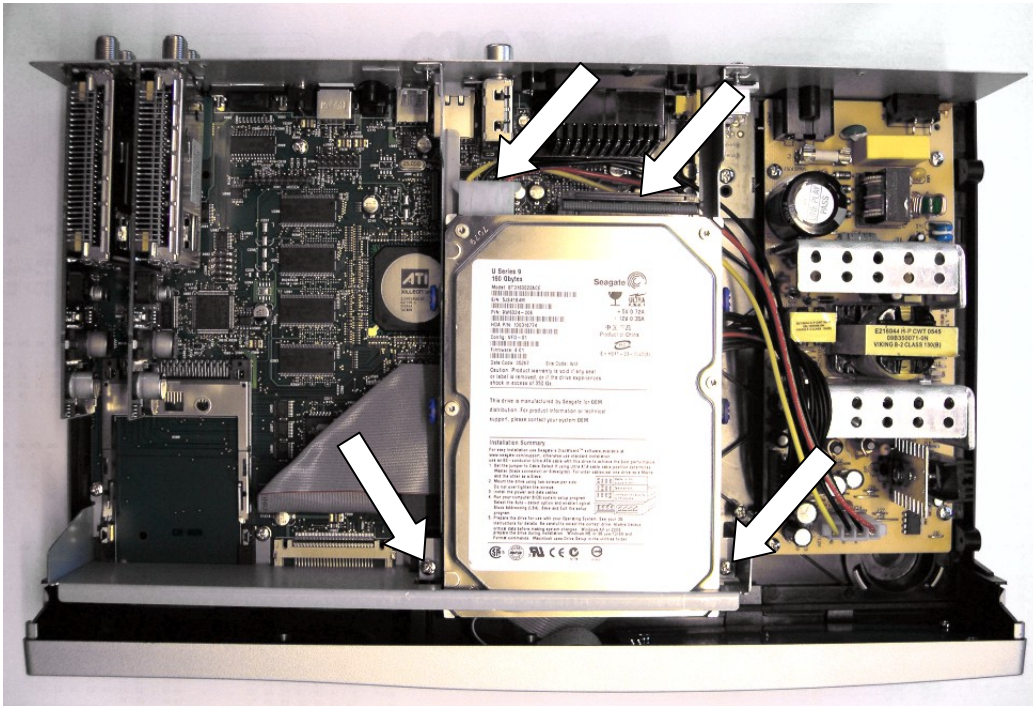
Now you need the Phillips screwdriver, the hard disk cage, the 4 hard disk mounting screws and your hard disk.



Attach the hard disk cage to the hard disk.



Pay attention to the correct mount of the hard disk in the hard disk cage. Set the jumper of the hard disk to cable select. This information usually is printed on the hard disk.



Put the hard disk cage back into the Dreambox and connect the hard disk power cord and IDE cable to the hard disk. Please be careful not to lay the power cord too close to the powersupply. Screw the two screws back onto the hard disk cage.

Slide the cover from the rear back onto the device..



Watch for the small plastic clips shown in the picture above. The must not overlap when you slide the cover back on!

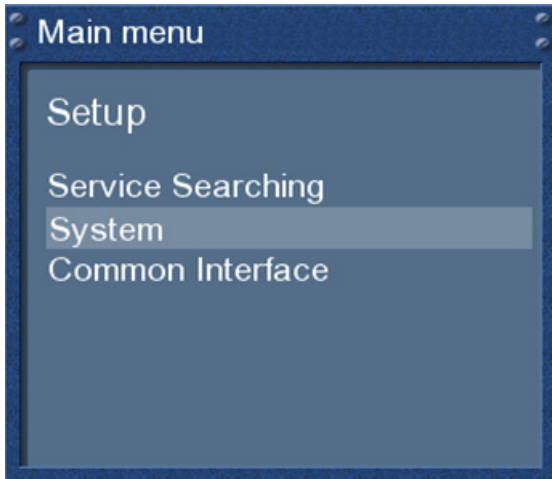
Screw the two screws on each side and five screws on the rear back into place.

Reattach all connector to your Dreambox. Attach the power cord as last.



## 7.2 Management

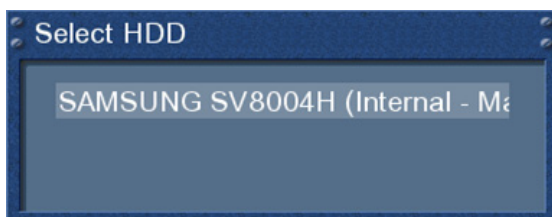
If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.



Navigate to the option “System” and press the **OK-Button**.

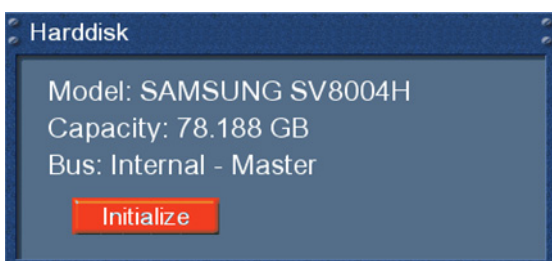


Navigate to the option “Harddisk...” and press the **OK-Button**.



Navigate to the option “Samsung SV8004H (Internal - Master)” and press the **OK-Button**.

If you have installed another hard disk this option will differ from the one depicted!

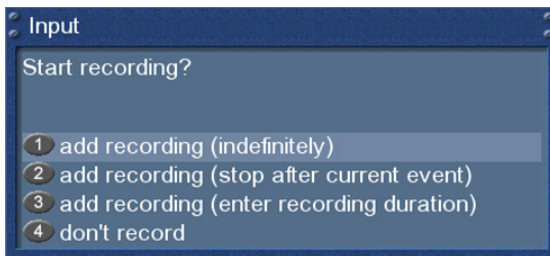


By pressing the **red Options-Button** you will initialize (format) the hard disk. After you confirm the safety question the initialization process starts.

**Warning!!!** All data stored on the HDD will be lost.

## 7.3 Recording

### 7.3.1 Instant recording



Press the **red Options-Button**.

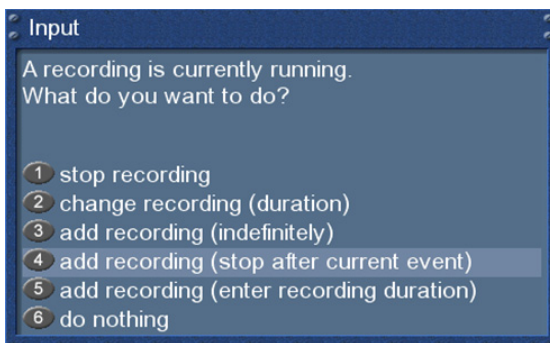
You have four available options:

- Add recording (indefinitely)
- Add recording (stop after current event)
- Add recording (enter recording duration)
- Don't record

Use the **up/down-Buttons** to navigate to you desired selection and press the **OK-Button** to select.

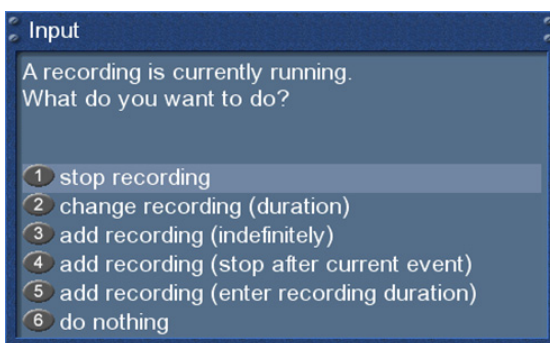
A ongoing recording is indicated by a flashing symbol in the Infobar (see chapter 4.9).

During a recording you can watch another service, view a previously recorded movie or add an additional recording.



Pressing the **Up/Down-Buttons** on your remote control activates the service list. The recording continues in the background.

### 7.3.2 Stop recording



Switch to the service which recording you want to stop.

Press the **red Options-Button**, select the "Stop recording" option and press the **OK-Button** to select.

The recording will be stopped immediately.

### 7.3.3 Recording by timer

With the help of a timer you can record shows (if you have a hard disk installed). You are offered two different ways to program a timer, the manual way of via the EPG.

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option "Timer" and press the **OK-Button** to select.



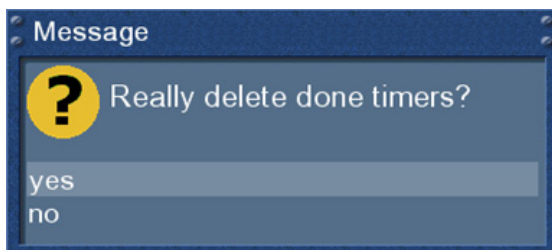
You see the "Timer Editor" menu.

Pressing the **red Options-Button** will delete a timer. The **green Options-Button** adds a timer, the **yellow Options-Button** toggles active on and off (only possible in waiting status) and the **blue Options-Button** removes finished timers from the list.

To edit an existing time select it and press the **OK-Button**.

The status of a timer is shown on the right side:

- **waiting** means: still coming up
- **recording** means: recording right now
- **done** means: recording finished
- the red **X** indicates that a timer was deactivated



If you pressed the **blue Options-Button** you will be asked if you really want to delete the finished timer.

Use the **Navigation-Buttons up** and **down** to select. Press the **OK-Button** to activate.

## Manual programming

Timer entry	
Name	Moment-Aufnahmen: Elfie Semotan
Description	
Timer Type	record
Repeat Type	once
Start	31.July 2006 22:25
End	31.July 2006 23:10
After event	do nothing
Channel	3sat

OK Cancel

Press the **green Options-Button** to add a new timer.

You can choose between two different timer types. "Record" to record the desired show or "Zap" to automatically switch to the service.

As repeat type you can choose between "once" and "repeated"

The repeat type "repeated" offers you the following options:

- daily
- weekly with choice of weekdaay
- Monday through Friday
- user defined

You can decide what should happen after the recording finishes by selecting the "After event" option. You can choose between "do nothing" to keep you Dreambox in the same state as before the recording or "Go to deep standby" to shutdown your Dreambox once the timer is done.

Set you desired option by pressing the **Navigation-Buttons up/down** and **left/right** and press the **green Options-Button** to save the timer.

## Programming via EPG

Timer entry	
Name	Moment-Aufnahmen: Elfie Semotan
Description	
Timer Type	record
Repeat Type	once
Start	31.July 2006 22:25
End	31.July 2006 23:10
After event	do nothing
Channel	3sat

OK Cancel

Change into on of the EPG views as described in **chapter 5**.

By pressing the **green Options-Button** you have the option to automatically add the selected show with it's start and end time as a timer.

All other options are the same as in the manually added timer.

Press the **green Options-Button** to save the timer. You will be taken to the "Timer Editor" menu.

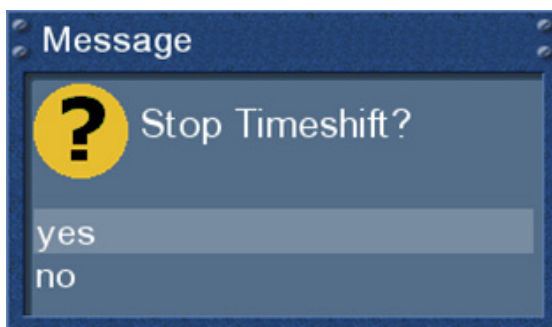
### 7.3.4 Timeshift

Once you started an instant recording you can fast-forward and rewind while recording as long as you have already recorded at least 1 minute long.

Press the **yellow Options-Button** to pause the screen (video and audio will pause). The recording will continue in the background. Press the **yellow Options-Button** again to resume watching.

This way you won't have to miss anything ever again if you quickly have to catch a phone call.

The Timeshift-Mode can be exited by pressing the **TV-Button**.



You will be asked if you want to quit the Timeshift-Mode.

Use the **Navigation-Buttons up** and **down** to select. Press the **OK-Button** to activate.

### 7.4 Watch a recording

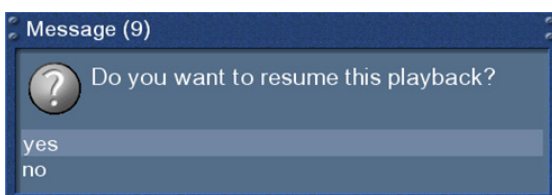


Press the **Video-Button** to get to the selection of recordings.

Use the **Navigation-Buttons up** and **down** to select a recording. Press the **OK-Button** to start playing it.

During replay you can see the control symbols in the Infobar.

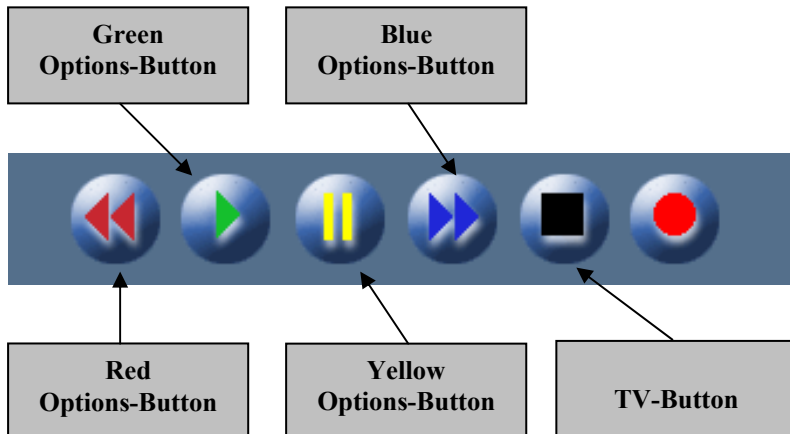
Press the **Navigation-Buttons up** and **down** or the **Video-Button** to get back to the list of recordings.



If you have previously watched the movie you will be asked to continue where you left off when you start watching it the next time. If you do not make a selection within 10 seconds the window will disappear and the movie starts from the beginning.

You can see the control symbols for the PVR-Mode on your remote control below the Options-Buttons.

In PVR-Mode the Options-Buttons are mapped as described below:

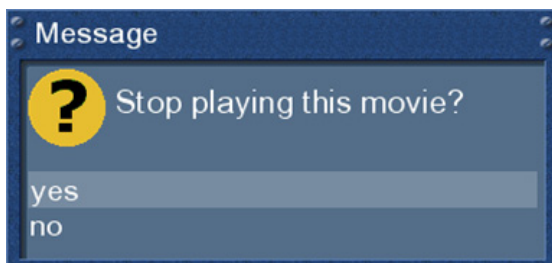


Keep in mind that you have to be in the PVR-Mode to use these options. You can check this by pressing the **OK-Button**. The Infobar will reveal and should show the depicted control symbols. If they are not shown you simply have to press the **VIDEO-Button** once again..



**Red Options-Button** = Rewind  
**Green Options-Button** = Play  
**Yellow Options-Button** = Pause  
**Blue Options-Button** = Forward  
**TV-Button** = Stop

The Infobar does not have to be visible to use the PVR-Mode.



The PVR-Mode can be exited by pressing the **TV-Button**. You will be asked if you want to stop the replay of the recording.

If you choose "Yes" you will be taken back to the last channel you were watching.

#### Fast-forward/skipping within a movie

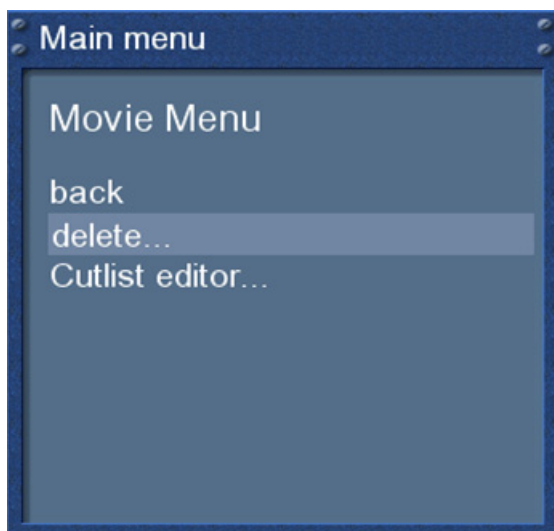
Button 1: 30 sec. back	Button 3: 30 sec. forward
Button 4: 90 sec. back	Button 6: 90 sec. forward
Button 7: 270 sec. back	Button 9: 270 sec. forward

## 7.5 Delete a recording

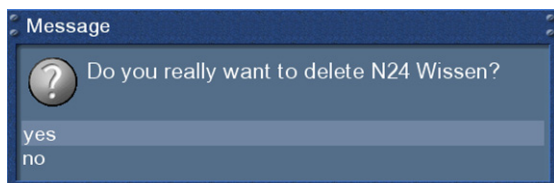


Press the **Video-Button** to get to the selection of recordings.

Use the **Navigation-Buttons up** and **down** to select a recording. Press the **Menu-Button**.



Use the **Navigation-Buttons up** and **down** to select "Delete" and press the **OK-Button**.



You will be asked if you want to delete the recording. As a control feature the name of the recording is displayed as well.

Choose "Yes" and you will be taken back to the selection of recordings.

## 8. Teletext

You are in the TV or Radio mode.  
Press the **Text-Button** to enter the teletext.

Keep in mind that not every station transmits teletext!

Teletext - regular navigation:

If you are viewing any teletext page you can enter the interactive mode by pressing the **OK-Button**. Use the **Navigation-Buttons** to select a text page number and press the **OK-Button** to call this page. You don't need to type in a text page number in this mode, but it is still possible.

Press the **EXIT-Button** to exit.

Press the **Mute-Button** a couple of times to toggle between transparent-mode, invisible-mode and full mode. The alpha-mode shows the picture from the running program through the text pages. The invisible-mode shows the complete picture from the running program without exiting the teletext. The full-mode brings back the text page.

Press the **Volume-up-Button** to toggle between double high from the upper half, double high from the lower half and full view text page.

Press the **Volume-down-Button** to activate or deactivate the PIG-Mode (Picture in Graphics). Same view from Text page and Program picture. (best results are show on 16:9 TV's during 4:3 transmission).



Teletext configuration menu:

If the teletext page 100 is shown you can press the **MENU-Button** to enter the teletext configuration menu.



You have the following options:

Teletext - Selection:

Select the "Search" option and press the **OK-Button** to start searching for teletext information on other services without having to leave the service that you currently are watching. After the search is finished you can use the **Navigation-Buttons left** and **right** to select the teletext of another service without having to switch services. Press the **OK-Button** to select the desired teletext. This option is only available if more than one service on the current satellite transponder actually transmits teletext information. If this is not the case you cannot make a selection.

Screen format:

Standard mode 16:9 = on/off

Enabling this shows the TuxText in 16:9 Aspect Ratio. Press the OK-Button to enable or disable this option. The default setting is disabled.

Text/TV mode 16:9 = on/off

Enabling this, switches the TV to 16:9 Aspect Ratio if the PIG-Mode is activated with the Volume-down-Button. Press the OK-Button to enable or disable this option. The default setting is disabled.

Note:

On some older 4:3 TV's these Modes may not work. If enabled, it could happen, that your TV switches away from the VCR or A/V socket.

If you are using a 4:3 TV, we suggest not to enable these modes.

Brightness:

Here you can adjust the brightness of your Teletext. Press the Navigation-Buttons left or right to adjust the brightness.

Transparency:

Here you can adjust the transparency value of your Teletext. Press the Navigation-Buttons left or right to adjust the alpha value.

National character set:

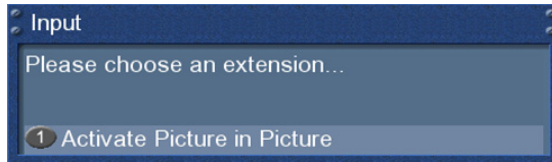
automatic recognition = on/off

The national codepage detection is used to display the teletextpages with the right letterset for your location. Press the OK-Button to enable or disable this option. The default setting is enabled. If disabled, use the Navigation-Buttons left or right, to choose your codepage.

For further information see [www.tuxtxt.net](http://www.tuxtxt.net)

## 9. Picture-in-Picture mode (PiP)

The Dreambox has a so called PiP-Function. With PiP you can display a small TV picture on top of the main big TV picture.



Press the **blue Options-Button** and select the "Activate Picture in Picture" option.

The main TV picture is now additionally displayed as a small PiP in the upper right corner of your screen and the last watched service is displayed in the main big TV picture. In PiP mode you will always hear the sound from the main TV picture. If you now switch services as you are used to the main TV picture will change, but the PiP stays.

By pressing the blue Options-Button you can choose between the following options:



### 1. Disable Picture in Picture:

Choose the option to turn the PiP mode off.

The little PiP will disappear and only the main TV picture is displayed on your screen.

### 2. Move Picture in Picture:

Choose the option to move or resize the small PiP.

You can move the position of the small PiP by using the **Navigation-Buttons up/down and left/right**.

Use the **Bouquet +/- Buttons** to resize the small PiP.

Press the **Exit-Button** to discard your changes or the **OK-Button** to save the settings and return to the current TV show.

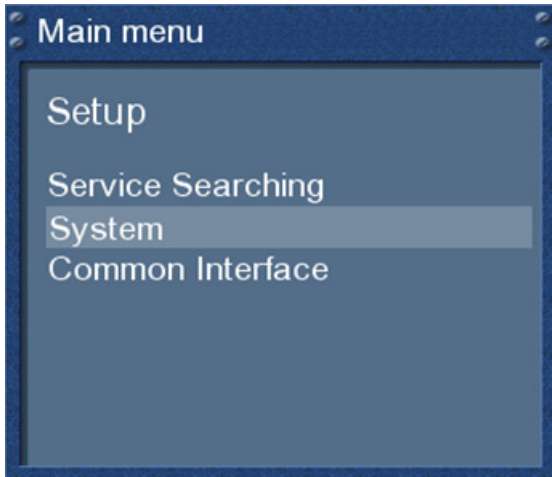
### 3. Swap services:

Choose the option to swap the main TV picture and the small PiP. The small PiP becomes the main TV picture and vice versa.

## 10. Setup

### 10.1 Language

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option "Setup" and press the **OK-Button** to select.



Navigate to the option "System" and press the **OK-Button**.



The "System" menu will open up.

Navigate to the option "Language..." and press the **OK-Button**.



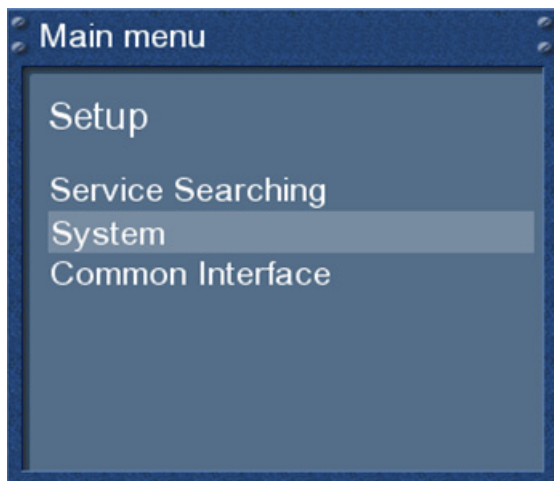
The "Language" menu will open up.

Select your desired and language with the **Navigation-Buttons up** and **down**. Press the **OK-Button** to activate.

The **Exit-Button** will quit this menu.

## 10.2 Customize

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

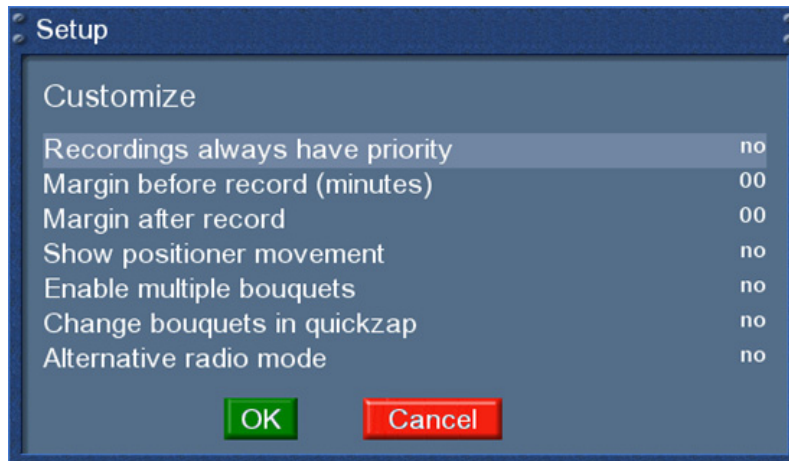


Navigate to the option “System” and press the **OK-Button**.



The “System” menu will open up.

Navigate to the option “Customize...” and press the **OK-Button**.



*Recordings always have priority:*

If this option is set to “Yes” your Dreambox will automatically switch to the service which is supposed to be recorded incase there is a conflict with an existing timer.

If you set this option to “No” you will be asked if you want to switch to the service which is supposed to be recorded.

*Margin before record (minutes):*

Set the desired forerun in minutes for a recording.

*Margin after record:*

Set the desired lag in minutes for a recording.

*Visualize positioner movement:*

If you own a satellite dish with a positioner you can see a flashing symbol of a satellite dish on your screen if you set this option to “yes”.

*Multi bouquets:*

Set this option to “Yes” if you want to use multiple bouquets.

*Change bouquets in quickzap:*

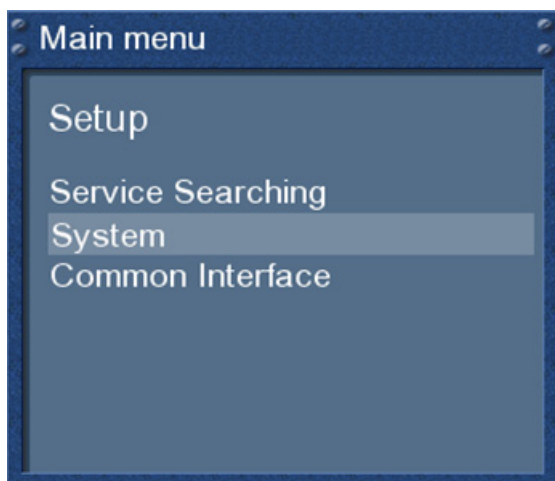
If this option is set to “Yes” you will automatically be taken to the next bouquet while changing channels once you have reached the end of one bouquet.

*Alternative radio mode:*

Set this option to “Yes” if you want the handling in the Radio mode to be the same as in the TV mode.

### 10.3 Setting the time zone

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

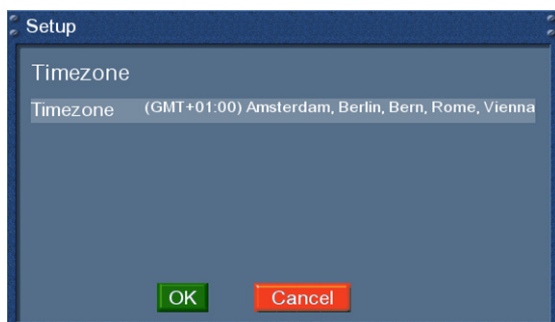


Navigate to the option “System” and press the **OK-Button**.



The “System” menu will open up.

Navigate to the option “Timezone...” and press the **OK-Button**.



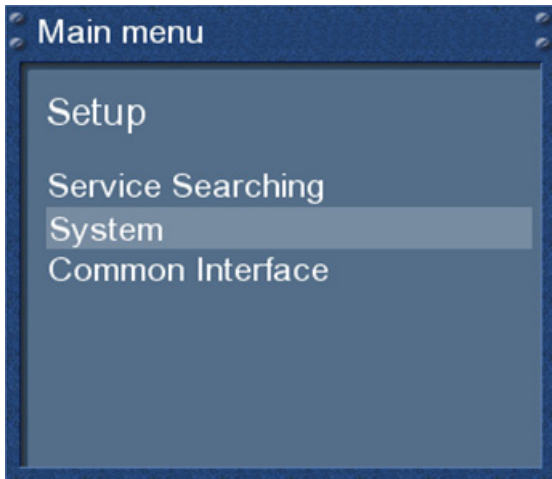
The “Time zone” menu will open up.

Use the **left/right-Buttons** to select the desired time zone.

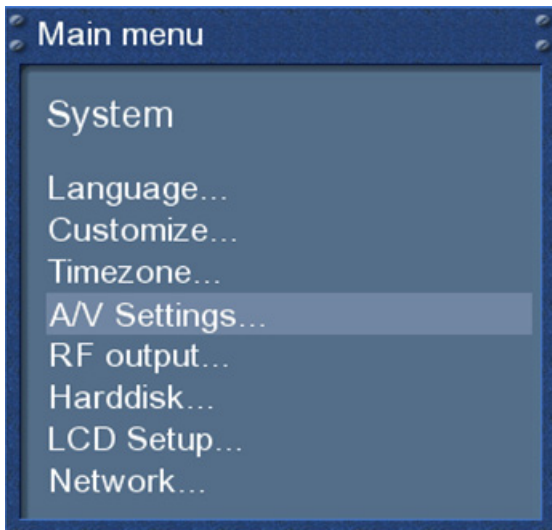
Press the **green Options-Button** to save the setting or the **red Options-Button** to discard them.

## 10.4 A/V Settings

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

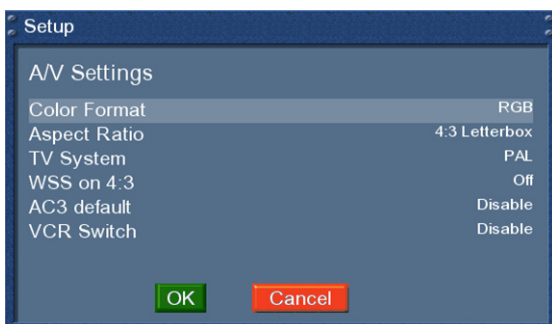


Navigate to the option “System” and press the **OK-Button**.



The “System” menu will open up.

Navigate to the option “A/V Settings...” and press the **OK-Button**.



Use the **Navigation-Buttons left** and **right** to change the values.

Color format:

CVBS (FBAS),  
RGB (Red, Green, Blue separated),  
SVideo (Color- and Brightness signal separated)

Aspect ratio:

**4:3 Letterbox (Standard)**, (16:9 programs will be displayed on 4:3 TV's with black beams at top and bottom)

**4:3 Panscan** (16:9 programs will be zoomed to full high on 4:3 TV's, parts of the picture on the left and right side will cut off)

**16:9** (programs transmitted in 16:9 will be displayed automatically in 16:9, on 4:3 TV's the picture will be reduced in height)

**16:9 always** (16:9 mode will be forced)

**16:10 Letterbox and 16:10 Panscan** (Choose these options if 4:3 and 16:9 result in a distorted view on your screen.)

TV System:

Choose the standard that your TV supports. **PAL** or **NTSC**.

WSS on 4:3:

Check the checkbox to disable zooming on some 16:9 TV's during 4:3 transmissions.

AC3 default:

If a program is transmitted with an AC3 audio track (e.g. Dolby Digital), the Dreambox switches automatically to this audio track.

The AC3 signal will only be available at the optical socket. The Dreambox has no built-in Dolby Digital Decoder, AC3 signals are not available on the analog socket, therefore you need an external Dolby Digital Amplifier to adjust the volume.

VCR Switch:

If this function is enabled (standard) the signal from the VCR Scart is directly passed to the TV. Depending on the model this is either enabled when you turn on the device or when you start a replay.

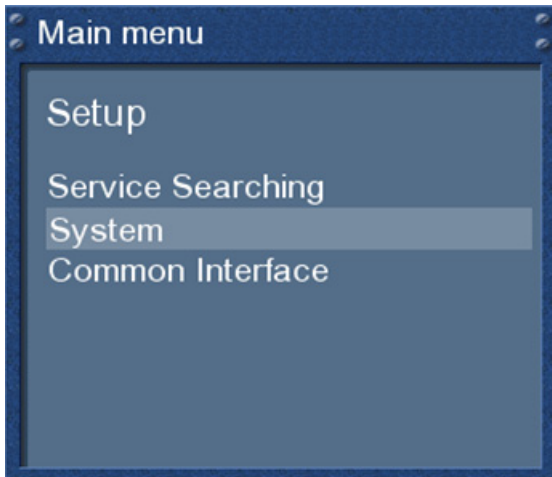
Press the **green Options-Button** to save the setting or the **red Options-Button** to discard them.

You are taken back to the "System" menu.



## 10.5 RF output

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

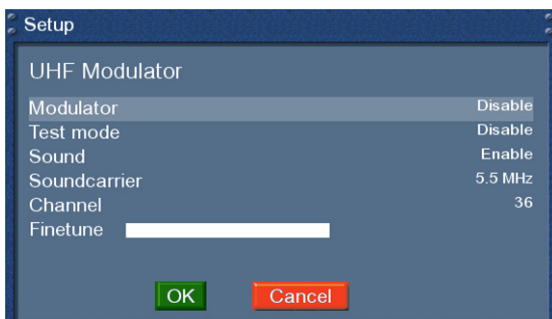


Navigate to the option “System” and press the **OK-Button**.



The “System” menu will open up.

Navigate to the option “RF output” and press the **OK-Button**.



Connect a TV to the UHF-out using a coaxial cable.

Start a channel scan on your TV. The UHF-Modulator is set to channel 36.

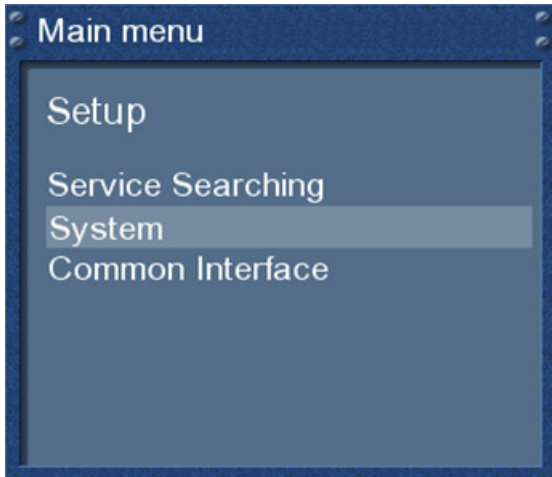
If this channel conflicts with any other existing devices you can easily change it.

Use the **Navigation-Buttons left and right** to change the values.

Press the **green Options-Button** to save the setting or the **red Options-Button** to discard them.

## 10.6 LCD Setup

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

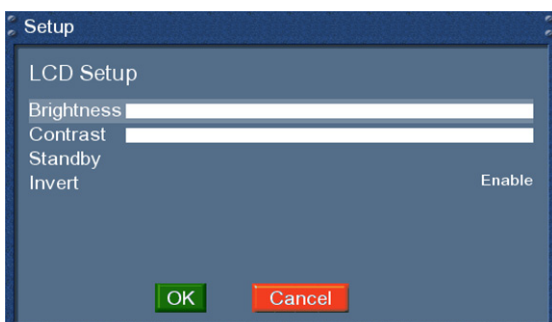


Navigate to the option “System” and press the **OK-Button**.



The “System” menu will open up.

Navigate to the option “LCD Setup...” and press the **OK-Button**.



Using the **Navigation-Buttons left** and **right** you can set the brightness and contrast of the LCD.

“Standby” set the brightness value for standby.

If “Invert” is set to “Yes” the polarity of the LCD will change.

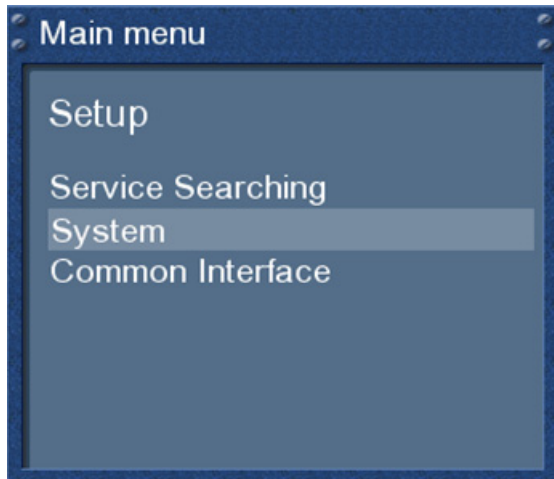
All changes will take effect immediately.

Press the **green Options-Button** to save the setting or the **red Options-Button** to discard them.

You are taken back to the “System” menu.

## 10.7 Network

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

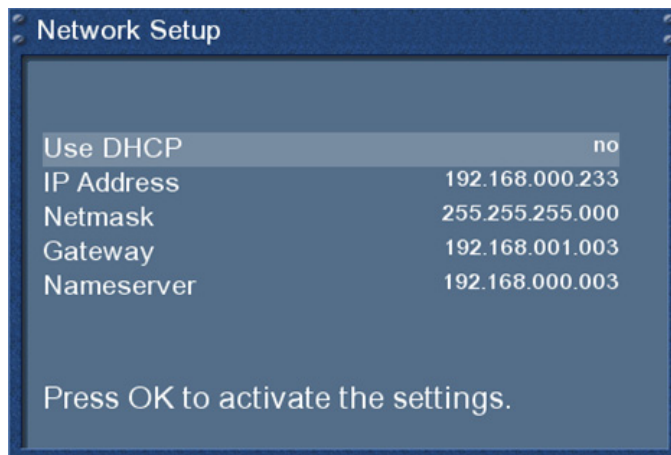


Navigate to the option “System” and press the **OK-Button**.



The “System” menu will open up.

Navigate to the option “Network...” and press the **OK-Button**.

**Attention:**

If you are using a DHCP server in your LAN, configure the DHCP server so it does not assign the IP address used by the Dreambox. Otherwise an IP address collision is possible. Refer to the DHCP server's manual about how to configure a DHCP address pool.

Use the **Navigation-Buttons** and the **Numeric-Keypad** to change the values.

**Use DHCP:**

If enabled your Dreambox will get its IP from a DHCP server. Disable this option to set a static IP address.

**IP Address:**

Enter the IP address here.

**Netmask:**

Enter the subnet mask (Usually 255.255.255.0).

**Gateway:**

Enter the router's IP address here, if the Dreambox is connected to the Internet over a router.

**Nameserver:**

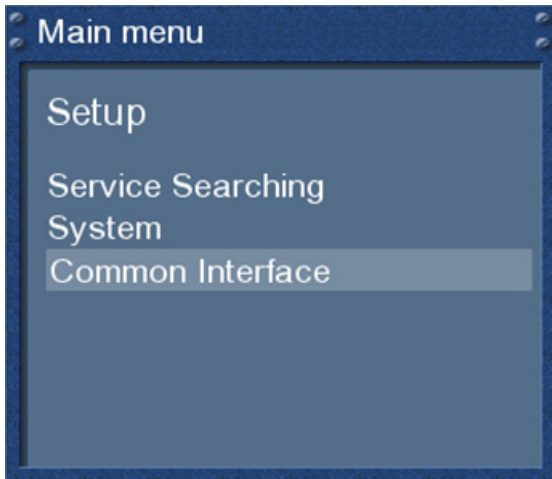
Enter the DNS-Server's IP address here. DNS is used to translate a Domain name to an IP address. Normally, if the Type is set to LAN, there is no need for a DNS entry. If the Dreambox is connected to the Internet over a router, enter the router's IP address here.

**Activate the network:**

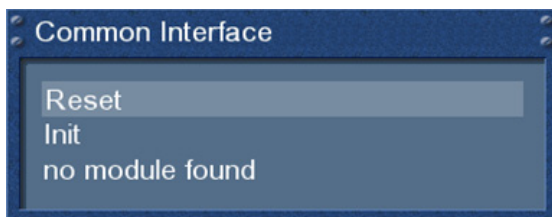
Press the **OK-Button** to save the setting and activate the network.

## 10.8 Common Interface

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.



Navigate to the option “Common Interface” and press the **OK-Button**.



### Reset:

This options resets your CI-Module. This function is needed if you are experiencing trouble with one of your encrypted services.

### Init:

This option initializes an inserted Smartcard. It is recommended to inset the CI-Module with the Smartcard already in it.

### No module found:

No CI-Module is inserted into the slot. If you have inserted one the name and firmware version will show.

Navigate to this option and press the **OK-Button** to get to the extended options of the inserted CI-Module. The option strongly depend on the type of module inserted and therefore will not be explained in detail.

### Can decrypt multiple services:

You can set if your CI-Module can decrypt multiple services or not. Please note that not every CI-Module supports this feature. Check the instruction manual of your CI-Module for information about this feature.

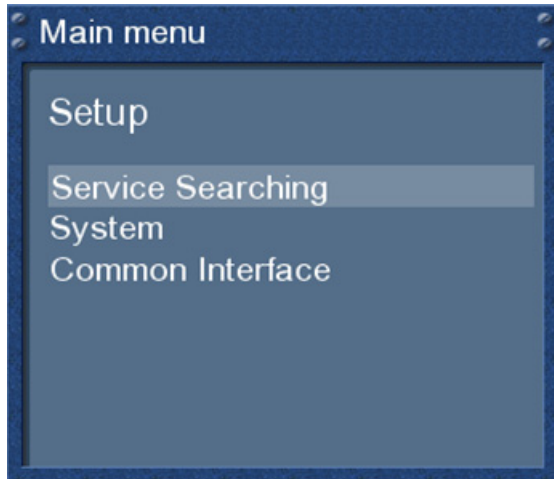
The “Auto” option only works with so called Alphacrypt Modules.

The **Exit-Button** will quit this menu.

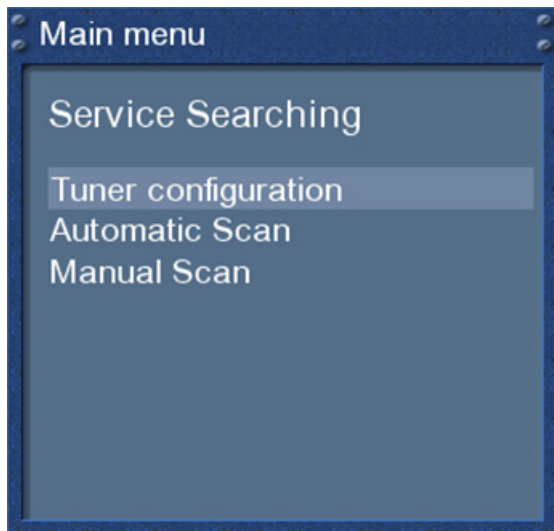
## 11. Service searching

### 11.1 DVB-S Tuner configuration

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option "Setup" and press the **OK-Button** to select.

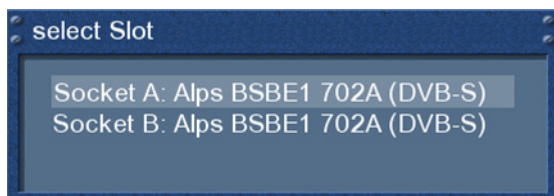


Navigate to the option "Service searching" and press the **OK-Button**.



The "Service searching" menu will open up.

Navigate to the option "Tuner configuration" and press the **OK-Button**.



Use the **Navigation-Buttons up** and **down** to select the "Socket A" (Tuner 1) and press the **OK-Button**.

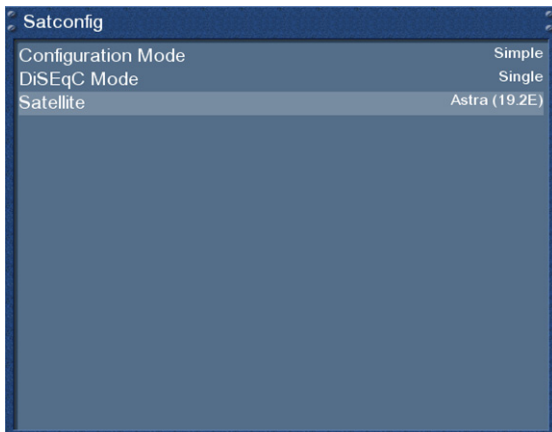
### 11.1.1 Single satellite – direct connection (DVB-S)

Use this type of configuration if you want to receive a single satellite with a Single Universal LNB. The coax cable is directly connected from you Dreambox to the LNB. Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.



The "Satconfig" menu will open up.

Use the **up/down-Buttons** to navigate to the "DiSEqC-Mode" option and use the **left/right-Buttons** to select "Single".



Navigate to the option "Satellite".

Use to the **Navigation-Buttons left and right** to select the desired satellite and press the **OK-Button**.

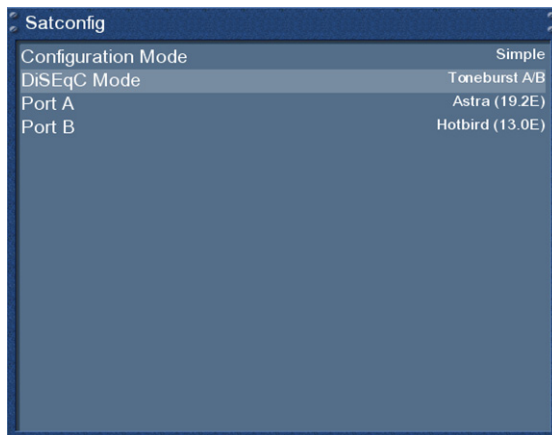
You are taken back to the "Select slot" menu.

### 11.1.2 Two satellites via Toneburst A/B (DVB-S)

Use this type of configuration if you want to receive two satellites from one LNB each. It does not matter if you use one or two dishes to achieve this.

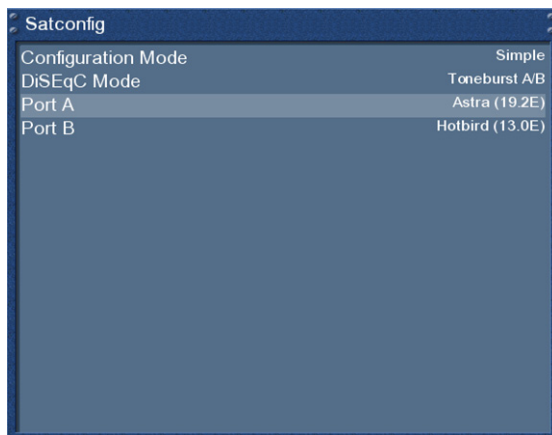
Connect the two coax cables from the two LNBs to a so-called Toneburst switch and connect the coax cable from the Toneburst switch to your Dreambox.

Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.



The "Satconfig" menu will open up.

Use the **up/down-Buttons** to navigate to the "DiSEqC-Mode" option and use the **left/right-Buttons** to select "Toneburst A/B".



For Port A and Port B select the desired satellites just as described in the **Single satellite – direct connection** section.

Make sure you know which satellite is connected to which input on the Toneburst switch.

If you do not find any services in the transponder scan later, exchange the two satellites in this list and try again.

Press the **OK-Button** to save your settings.

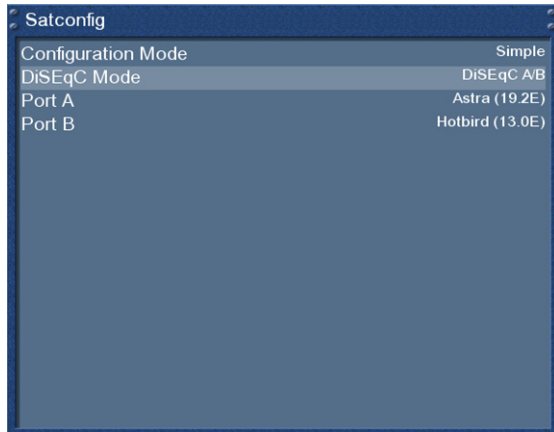


### 11.1.3 Two satellites via DiSEqC A/B (DVB-S)

Use this type of configuration if you want to receive two satellites from one Twin Universal or Quad Universal LNB. It does not matter if you use one or two dishes to achieve this.

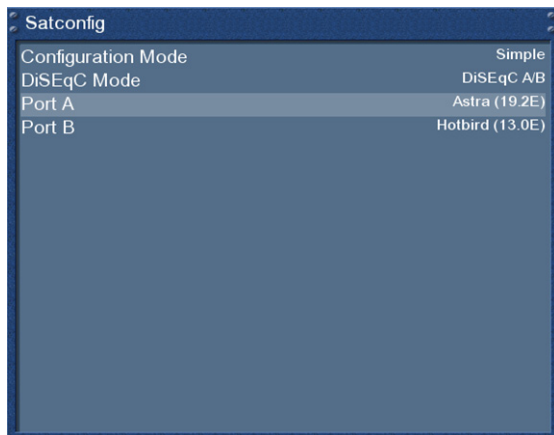
In this case the LNBs are connected to a so-called Multiswitch from which the signal is via coax cabled to the satellite receivers (Dreamboxes) in your household.

Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.



The “Satconfig” menu will open up.

Use the **up/down-Buttons** to navigate to the “DiSEqC-Mode” option and use the **left/right-Buttons** to select “DiSEqC A/B”.



For Port A and Port B select the desired satellites just as described in the **Single satellite – direct connection** section.

Make sure you know which satellite is connected to which input on the Toneburst switch.

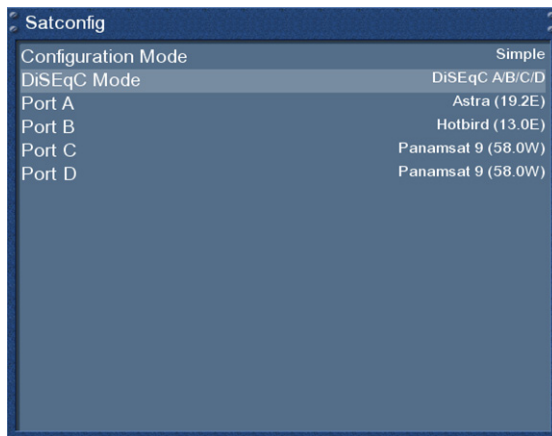
If you do not find any services in the transponder scan later, exchange the two satellites in this list and try again.

Press the **OK-Button** to save your settings.

### 11.1.4 Four satellites via DiSEqC A/B/C/D (DVB-S)

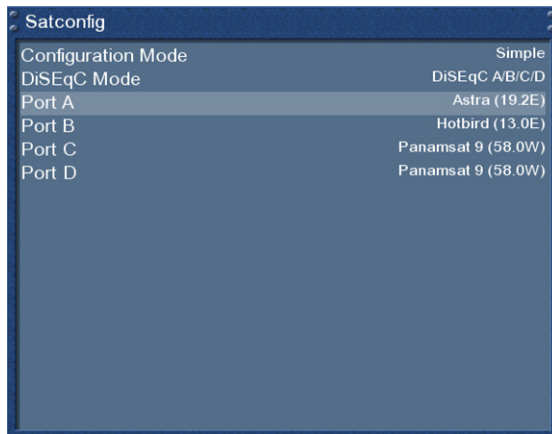
Use this type of configuration if you want to receive four satellites from one Single Universal or Twin Universal LNB for four or eight parties. It does not matter if you use one or two dishes to achieve this.

In this case the LNBs are connected to a so-called Multiswitch from which the signal is via coax cabled to the satellite receivers (Dreamboxes) in your household. Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.



The “Satconfig” menu will open up.

Use the **up/down-Buttons** to navigate to the “DiSEqC-Mode” option and use the **left/right-Buttons** to select “DiSEqC A/B/C/D”.



For Ports A, B, C and D select the desired satellites just as described in the **Single satellite – direct connection** section.

Make sure you know which satellite is connected to which input on the Toneburst switch.

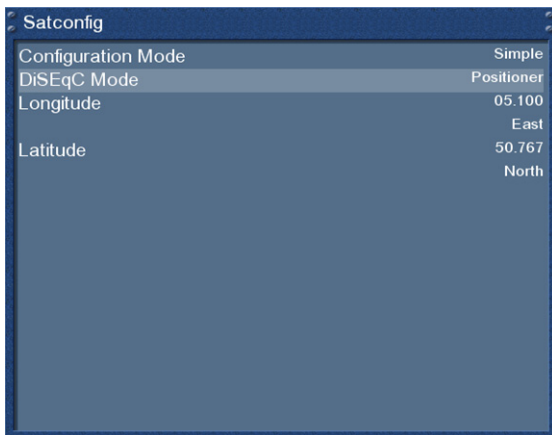
If you do not find any services in the transponder scan later, exchange the two satellites in this list and try again.

Press the **OK-Button** to save your settings.

### 11.1.5 Stab Positioner using USALS (DVB-S)

Use this type of configuration if you want to receive many satellites with a Stab positioner from a Single Universal LNB. The coax cable is directly connected from your Dreambox to the LNB.

Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.

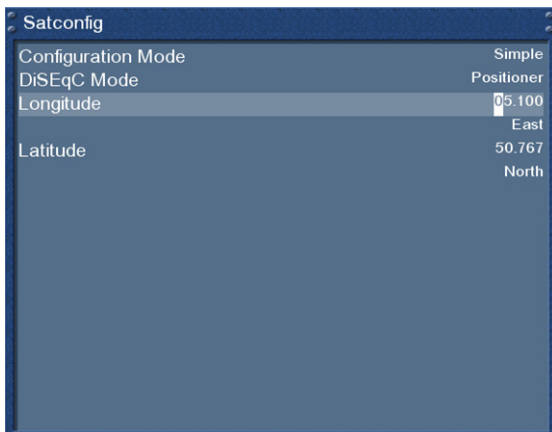


The "Satconfig" menu will open up.

Use the **up/down-Buttons** to navigate to the "DiSEqC-Mode" option and use the **left/right-Buttons** to select "Positioner".

This menu is meant for a Stab positioner. You only have to enter the geographical details of your residence.

At <http://www.heavens-above.com> you can find the coordinates of your residence.



The rest is done automatically by your Dreambox with build-in **USALS**.

**USALS** is a model for calculating the position of all satellites in orbit with a margin of error less than 0.1 degrees. **USALS** was developed by the Stab company.

Everything is done automatically and does not require any technical know-how.

### 11.1.6 Tuner 2 setup (DVB-S)

The same setup possibilities that applied for Tuner 1 also apply for Tuner 2. There are some additional configuration options.



Equal to socket A:

Use this setting if Tuner 2 should use the same settings as Tuner 1.

Loopthrough to socket A:

Use this option if you connected the LNB1 out to the LNB2 in.

Nothing connected:

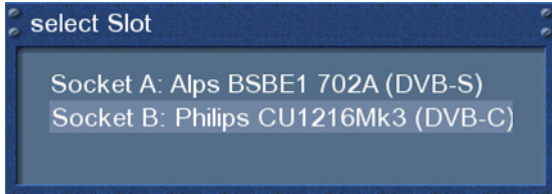
Use this option if no cable is attached to Tuner 2.

Secondary cable from motorized LNB:

Use this option if you are using a positioner with a Twin- or Quad LNB and have 2 cables from the LNB connected to the LNB1 and LNB2 in. Tuner 1 controls the positioner and using Tuner 2 you can continue watching TV on the same satellite while recording. All others are grayed out.

## 11.2 DVB-C Tuner configuration

Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.



Use the **Navigation-Buttons up** and **down** to select the DVB-C Tuner and press the **OK-Button**.



The default setting for this option is "ALL (SR6900)".

Use the **Navigation-Buttons left/right** to change this option to "ALL (SR6875)" if you cannot find any services during a service scan.

Press the **OK-Taste** to activate your selection.

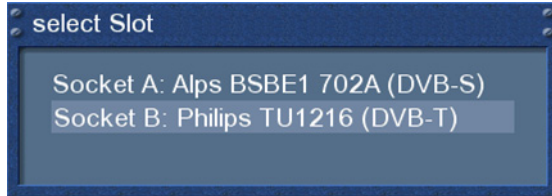
You will be taken back to the "choose Slot" menu.

### 11.2.1 Tuner 2 setup (DVB-C)

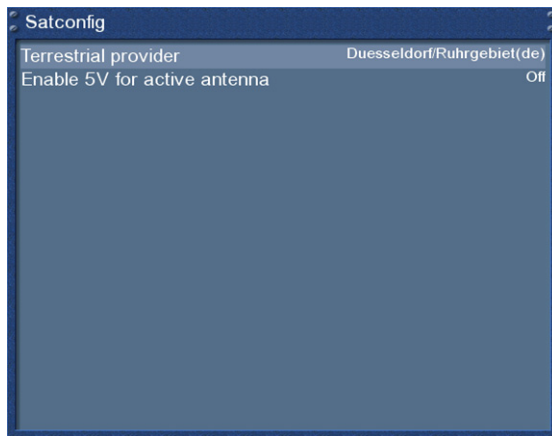
The same setup possibilities apply if you are using a second DVB-C tuner in your Dreambox (see chapter **11.2 DVB-C Tuner configuration**).

## 11.3 DVB-T Tuner configuration

Please read the section **11.1 DVB-S configuration** to learn how to get into this menu.



Use the **Navigation-Buttons up** and **down** to select the DVB-T Tuner and press the **OK-Button**.



Choose your region by pressing the **Navigation-Buttons left/right**.

If you have connected an active antenna and you want to run the antenna without its original power supply set the "Enable 5V for active antenna" option to "On".

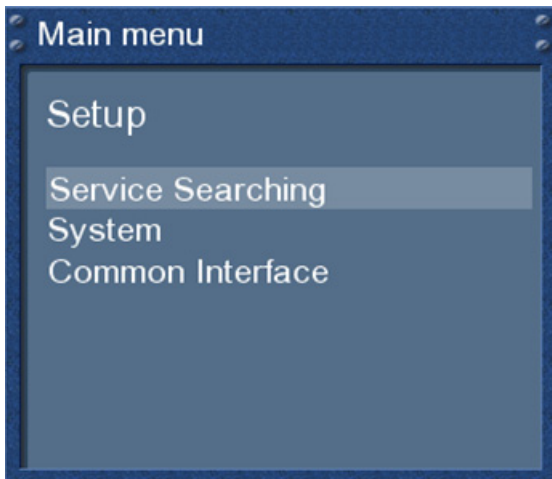
Press the **OK-Button** to save your settings.

### 11.3.1 Tuner 2 setup (DVB-T)

The same setup possibilities apply if you are using a second DVB-T tuner in your Dreambox (see chapter **11.3 DVB-t Tuner configuration**).

## 11.4 Automatic scan

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

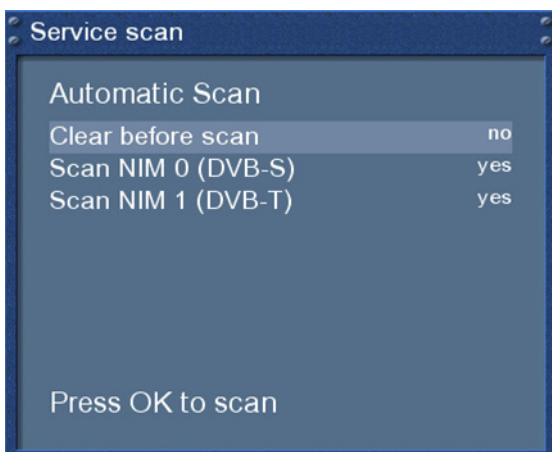


Navigate to the option “Service searching” and press the **OK-Button**.



The “Service searching” menu will open up.

Navigate to the option “Automatic scan” and press the **OK-Button**.



The “Automatic scan” menu will open up.

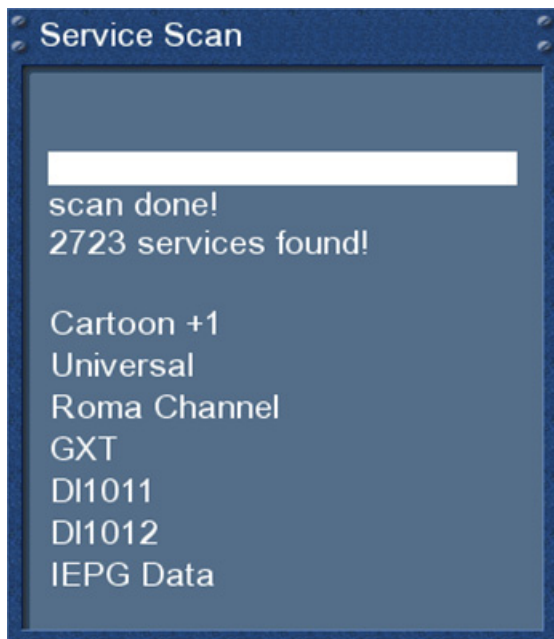
Set the “Clear before scan” option to “Yes” if you want to delete all services before the scan starts. Otherwise leave the setting to “No”.

Use the **Navigation-Buttons up/down** to select a tuner and the **Navigation-Buttons left/right** to enable or disable the scan for the selected tuner.

Press the **OK-Button** to start the scan for all tuners which option is set to “Yes”.



You can see the progress of the scan here.



The scan is done once you see this menu.

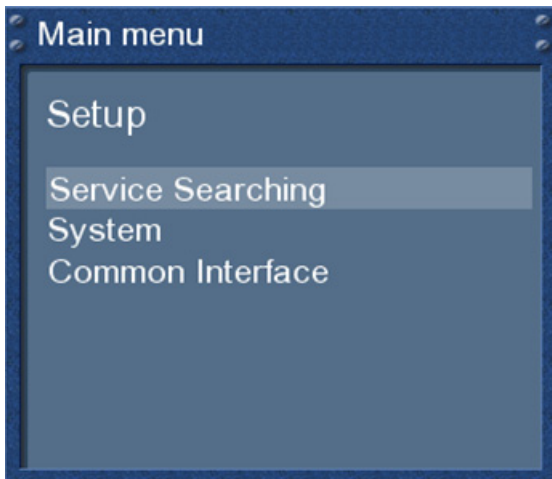
It shows how many channels were found during the scan.

Press the **OK-Button** to close this menu.

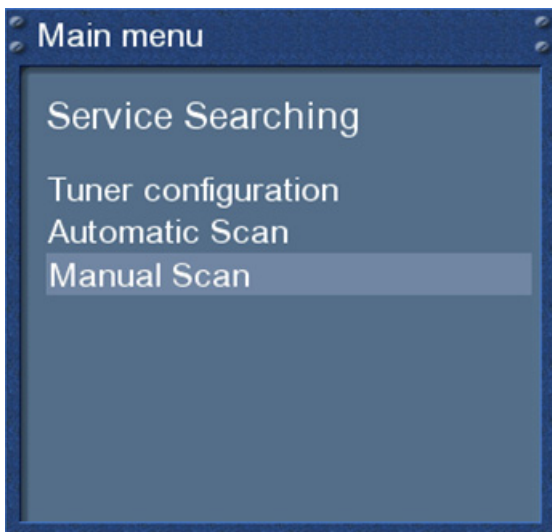


## 11.5 Manual scan

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Setup” and press the **OK-Button** to select.

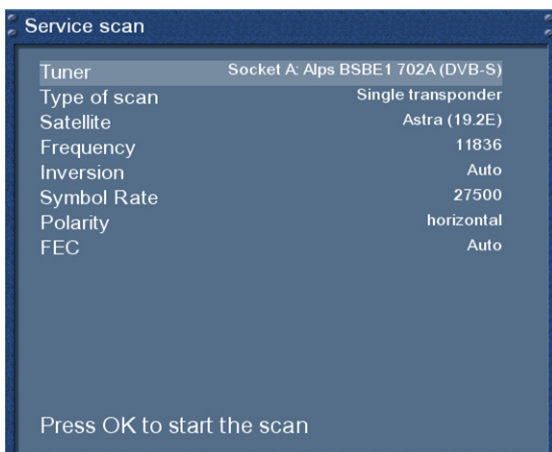


Navigate to the option “Service searching” and press the **OK-Button**.



The “Service searching” menu will open up.

Navigate to the option “Manual scan” and press the **OK-Button**.



The “Service scan” menu will open up.

Use the **Navigation-Buttons left/right** to select the tuner on which you want to run the manual service scan.

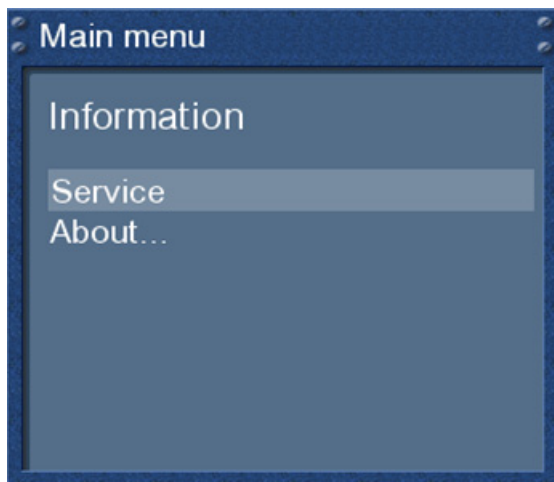
All other options can be changed by using the **Navigation-Buttons left/right** and depend on the type of tuner that you want to run the scan on.

Press the **OK-Button** to start the manual scan.

## 12. Systeminformation

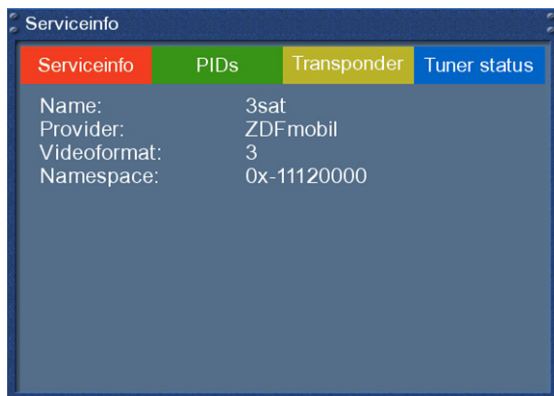
### 12.1 Service

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option "Information" and press the **OK-Button** to select.



The "Information" menu will open up.

Navigate to the option "Service" and press the **OK-Button**.



This window shows detailed technical information about the current service.

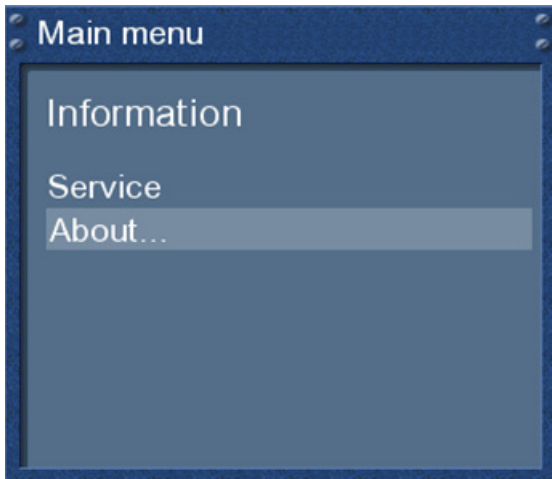
Press one of the four **Options-Buttons** to get the following information:

red = Serviceinfo  
 green = PIDs  
 yellow = Transponder  
 blue = Tuner status

Press the **OK-Button** to close this menu.

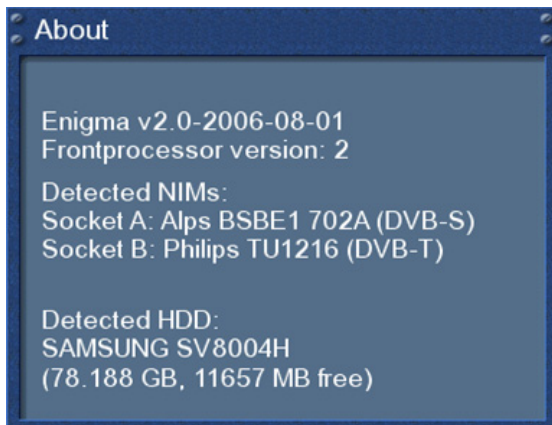
## 12.2 About (Hard- and Software)

If no OSD menu is visible on your screen, press the **Menu-Button** to open the main OSD menu. Navigate to the option “Information” and press the **OK-Button** to select.



The “Information” menu will open up.

Navigate to the option “About...” and press the **OK-Button**.



This window shows all relevant information about the Hard- and Software of your Dreambox.

Press the **OK-Button** to close this menu.

### 13. Troubleshooting

Problem	Possible cause	Solution
No audio, no video, LCD lit	Faulty wiring	Check wiring and connections
	Faulty LNB	Exchange LNB
	Wrong Tuner setting	Review settings (see 11.1 DVB-S configuration)
	Dish aligned incorrectly	Realign dish
Beamlike blackouts in the video	Heavy rain or snow	Remove snow from dish
	Dish aligned incorrectly	Realign dish
	Dish is too small	Install larger dish
	An obstacle between dish and satellite (e.g. house or tree)	Reposition dish so it has a clear "view" towards the satellite
No reception on a channel that was working before	Dish aligned incorrectly or faulty	Check dish
	Channel is transmitted in a new slot	Start service scan (see chapter 11)
	The transmission of the channel was terminated	—————
No reception of the channels: Sat1, Pro7, Kabel ...	Interference from a wireless DECT phone	Increase distance between the phone's base station and the Dreambox or buy a coaxial cable with a higher shielding value
You cannot record anything anymore	Hard disk is full	Delete no longer needed recordings
Remote control is not working	Batteries are inserted incorrectly	Remove batteries and check polarity
	Batteries are empty	Insert new batteries
	Wrong remote control mode (Dream-Mode, TV-Mode)	Press Dream-Mode or TV-Mode button
	Software is not reacting	Reboot Dreambox
Dreambox does not react	Dreambox is locked up	Reboot Dreambox

## 14. TV-Mode setup

A four digit device code is selected from the **device list** and entered into the remote control. The most recent **device list** can be found on our website.



### 14.1 Programming the remote control

- Press the **TV-Mode-Button** once.
- Press the **SHIFT/Setup-Button** for 3 seconds, the **TV-Mode-Button** will flash twice.
- Use the **Numeric-Keypad** to enter the four digit device code into the remote control. The **TV-Mode-Button** will flash once for every digit you enter. Once you have entered all four digit the **TV-Mode-Button** will flash twice.
- The remote control exits the programming mode automatically.
- If no code is entered within 10 seconds the remote control will exit the programming mode automatically.

## 14.2 Device list

A.R. Systems	0067 0382	Black Star	0277
Accent	0067	Blacktron	0312
Admiral	0117 0123 0448 0243 0294	Blackway	0312
Adyson	0247 0246	Blaupunkt	0221 0225 0230 0243 0357 0358
Agashi	0246		0348
Agazi	0294	Blue Sky	0248 0312 0485 0067 0517 0698
AGB	0546	Blue Star	0312
Agef	0117	Bondstec	0277
Aiko	0246 0039 0067 0401 0065 0463	Boots	0247
	0102 0391 0221 0294 0247	BPL	0312 0067
Aim	0067	Brandt	0531 0139 0429 0235 0267 0363
Akai	0391 0238 0401 0067 0463 0221		0226 0228 0317 0365
	0065 0039 0102 0248 0193	Brinkmann	0448 0067 0549
	0546 0586 0578 0510 0247	Brionvega	0067 0117
	0661 0246 0294	Britannia	0246 0247
Akiba	0248 0312 0485 0067	Brother	0294
Akura	0248 0389 0312 0039 0442 0294	Bruno	0117
	0067	BSR	0193 0324
Alba	0248 0265 0039 0448 0400 0385	BTC	0248
	0401 0067 0246 0277 0193	Bush	0248 0265 0193 0379 0039 0066
	0517 0066 0698 0609		0312 0067 0385 0401 0404
Alcyon	0106		0549 0294 0391 0517 0238
Allorgan	0236 0324 0247		0324 0247 0698
Allstar	0067	Capsonic	0294
Amplivision	0247 0430 0350 0400	Carad	0640 0067
Amstrad	0039 0546 0294 0248 0401 0463	Carena	0485 0067
	0442 0067	Carrefour	0066 0100
Anglo	0039 0294	Cascade	0039 0067
Anitech	0039 0106 0294 0067	Cathay	0067
Ansonic	0400 0132 0039 0067 0404 0193	CCE	0067
	0353 0441 0289 0277 0042	Centurion	0067
	0458	Century	0117 0243 0277 0268
Apollo	0503	CGE	0104 0114 0336 0106 0277 0193
Arc en Ciel	0429 0531 0139 0226 0363 0228		0448 0400
Arcam	0246 0429 0247	Cimline	0039 0265 0248
Aristona	0067 0586 0042	City	0039
Arthur Martin	0193 0430	Clarivox	0448 0100
ASA	0135 0376 0100 0134 0117	Clatronic	0248 0294 0400 0401 0247 0106
Asberg	0067 0106		0277 0067 0039 0132 0350
Asora	0039		0609
Asuka	0248 0294 0246 0312 0247	Clayton	0415
Atlantic	0067 0246 0236 0289 0350	CMS Hightec	0247
Atori	0039	Concorde	0039
Auchan	0193 0430	Condor	0246 0277 0312 0350 0067 0400
Audiosonic	0067 0139 0247 0400 0367 0294		0039 0132 0441 0448
	0248 0458	Contec	0246 0039 0187 0041 0066
Audioton	0247 0400 0294	Continental Edison	0531 0139 0267 0226 0228 0429
Ausind	0106		0363 0235 0317 0517
Autovox	0117 0236 0267 0106 0379 0247	Cosmel	0039 0367
	0277 0366	Crezar	0243
Awa	0041 0066 0039 0187 0404 0442	Crosley	0117 0277 0104 0114 0106 0193
	0067		0243
Ayomi	0268	Crown	0039 0400 0106 0067 0389 0609
Baird	0139 0373 0102 0247 0238		0448 0238 0517
Barco	0410 0193	CS Electronics	0277 0246 0248
Basic Line	0248 0039 0404 0067 0597 0193	CTC	0277
	0312	Cybertron	0248
Bastide	0247	Daewoo	0039 0067 0246 0404 0248 0247
Baur	0333 0225 0542 0067 0221 0391	Dainichi	0248 0246
	0379 0535 0040	Dansai	0067 0294 0065 0246
Bazin	0247	Dansette	0442
Beko	0400 0067	Dantax	0400
Beon	0067 0448	Datsura	0238
Best	0367 0400	Dawa	0067
Bestar	0067 0400 0404	Daytron	0039 0404 0067
Binatone	0247	Decca	0102 0546 0067 0247
		General Technic	0039
Deitron	0067	Genexxa	0248 0067 0442
Denko	0294	Germanvox	0243
Desmet	0350 0067	Goldhand	0246
Diamant	0067	Goldline	0367
Digiline	0067	GoldStar	0067 0400 0039 0247 0277 0246
Dixi	0039 0067 0277 0247		0193 0391

Domland	0424	Goodmans	0066 0102 0067 0039 0294 0546
Drean	0067		0404 0517 0401 0586 0373
DTS	0039		0265 0065 0510 0590 0247
Dual	0379 0247 0373 0289 0366 0549		0365
	0067 0382 0424 0429 0333	Gorenje	0400
Dumont	0117 0134 0132 0243 0247 0100	GPM	0248
	0102	Gradiente	0067 0083
Dux	0067 0042	Graetz	0391
Dynatron	0067	Granada	0067 0430 0256 0389 0042 0102
Elbe	0465 0268 0289 0400 0193 0067		0138 0238 0247 0106 0066
	0248 0221 0441 0640		0546 0503 0365 0590
Elcit	0117 0277 0546 0132 0193	Grandin	0312 0248 0430 0067 0039 0350
Elekta	0294 0312		0193 0485 0609 0640
Elin	0246 0067 0135 0134 0578 0391	Gronic	0247 0132
	0379 0193 0039	Grundig	0225 0221 0517 0100 0106 0235
Elite	0248 0067		0267 0067 0586
Elman	0132	Halifax	0294 0246 0247
Elta	0039 0294	Hampton	0246 0247
Emerson	0243 0117 0277 0067 0401 0100	Hanimex	0324
	0312 0350	Hanseatic	0067 0312 0379 0193 0391 0424
Emperor	0312		0243 0350 0458 0400 0039
Erres	0067 0042		0324 0247 0549
Etron	0067 0039 0193	Hantarex	0039 0243 0067 0132
Euro-Feel	0294	Hantor	0067
Europa	0067	Harwood	0039 0442 0067
Europhon	0067 0546 0132 0243 0247 0277	HCM	0294 0039 0312 0442 0247 0248
	0193		0448 0067
Expert	0236 0430 0289 0193	Hema	0247 0039
Exquisit	0067 0277	Hemmermann	379
Fenner	0404 0039	Hifivox	0531 0139 0226 0429
Ferguson	0317 0365 0268 0139 0590 0655	Hikona	0248
Fidelity	0246 0401 0193 0294 0067	HiLine	0294 0067
Filsai	0247	Hinari	0238 0066 0067 0248 0039 0193
Finlandia	0238 0376 0389 0578 0391		385 0473 0517 0265 0324
Finlux	0135 0134 0067 0376 0247 0102	Hisawa	0312 0248 0430 0485
	0193 0106 0546 0100 0117	Hit	117
	0132 0441 0661 0522	Hitachi	0255 0066 0379 0503 0193 0373
Firstline	0324 0351 0246 0067 0404 0415		0226 0228 0247 0336 0224
	0277 0039 0193 0132 0247		0546 0102 0067 0135 0586
	0441 0379 0561 0268 0102		0180 0578
	0265 0698 0238	Hitsu	039 0485 0248
Fisher	0134 0247 0066 0238 0400 0585	Hornyphone	0067 0042
	0117 0187 0391 0193 0333	Hoshai	0248 0485
	0379 0102	Huanyu	0404 0246
Flint	0067 0485 0102 0248	Hygashi	0247 0246
FNR	0132	Hyper	0039 0246 0247 0277
Formenti	0117 0243 0246 0350 0193 0106	Hypersonic	0391
Fortress	0123 0117	Hypson	0067 0294 0247 0312 0485 0430
Fraba	0400 0067		268
Friac	0039 0067 0132	Iberia	067
Frontech	0277 0294 0379 0247 0039	ICE	294 0247 0067 0401 0248 0246
Fujitsu	0236 0102 0132 0247 0193		039
Fujitsu General	0039	Ices	248 0246
Funai	0294 0324	Imperial	0067 0277 0400 0448 0193 0561
Galaxi	0132 0067		104 0114 0106 0379 0226
Galaxis	0400 0448 0067 0132	Indesit	267 0243
GBC	0243 0193 0039 0404 0248	Indiana	0067
GE	0590 0139 0317 0365 0373	Ingelen	0517 0640
Geant Casino	0193 0430	Inno Hit	0039 0102 0067 0248 0247 0106
GEC	0102 0193 0391 0235 0546 0067		546 0277
	0247 0379	Innovation	0549
Geloso	0243 0277 0039 0193 0404	Interactive	0441
General	0139 0317 0501	Interbuy	0039 0294 0277
lnterfunk	0067 0042 0117 0542 0357 0193	Matsui	0265 0039 0385 0041 0102 0066
	391 0400 0531 0139		067 0586 0517 0247 0324
Internal	0067		401 0463 0473 0609 0485
Intervision	0312 0247 0485 0067 0401 0549		379 0546 0065 0193 0238
	400 0424 0517 0248 0132		225 0221 0365
	193 0294 0277	Mediator	0067 0586 0042
Irradio	039 0067 0248 0277 0106	Medion	0067 0698 0549
Isukai	248 0067 0312	Megas	0640
ITC	247	Melvox	0430
ITS	067 0401 0248 0312 0294 0246	Memorex	0039
ITT	193 0510 0379 0391 0503 0578	Memphis	0367 0102 0039 0415
	597 0376 0238	Mercury	0067 0039
ITV	294 0067 0277	Metz	0117 0225 0243 0221 0397

Jea	066	Micromaxx	0067 0698
JEC	065	Minerva	0517 0225 0100 0106 0221 0267
JVC	0683 0083 0066 0401 0248	Minoka	0442 0067 0389
Kaisui	0248 0312 0067 0246 0485 0247 039	Mitsubishi	0138 0180 0542 0067 0117 0066 267
Kamp	0246	Mivar	0400 0106 0246
Kapsch	0236 0193 0391 0289 0134	Monaco	0039
Karcher	0067 0400 0312 0132 0640 0294	Motion	0106
KB Aristocrat	0193	MTC	0400 0379 0542
Kendo	0265 0277 0132 0067 0458 0400 441 0640	Multistandard	0132
Kennedy	0236 0243 0193 0465	Multitec	0067 0698
Kingsley	0246	Multitech	0247 0379 0039 0246 0277 0132 400 0067
Kneissel	0465 0289 0400 0268 0067 0441 640	Murphy	0134 0246 0102 0193
Kolster	0067	NAD	0391
Konka	0248 0401 0067	Naiko	0067
Kontakt	0517	Nakimura	0404 0067
Korpel	0067	National	0267 0244 0256
Korting	0117 0400 0350	NEC	0066 0350 0485 0039 0404 0247 0067
Kosmos	0067	Neckermann	0067 0221 0400 0535 0040 0230 0586 0193 0357 0448 0379 0117 0243 0277 0247 0441
Kotron	0442 0294	NEI	0067 0367 0401
Kraking	0268	Nesco	0277
Kyoshu	0294 0442	Network	0367
Kyoto	0415 0193	Neufunk	0067 0039 0586 0640
Lemair	0441	New Tech	0067 0039 0586 0373 0247
Lenco	0039 0134 0193 0067	New World	0248
Lenoir	0039	Nicamagic	0246
Lesa	277	Nikkai	0102 0248 0067 0247 0294 0065 0367 0246 0039 0066
Leyco	0294 0102 0067 0324 0609	Noblex	0067 0294
LG	067 0400 0039 0247 0277 0246 193 0391	Nobliko	0132 0106 0100 0246
Liesenkotter	0067 0357 0358	Nogamatic	0429 0531 0139 0226
Lifetec	0039 0294 0549 0067 0404 0248 698	Nokia	0391 0193 0510 0379 0578 0522 0389 0503 0238 0404 0661 0376
Lloyd's	0039	Nordmende	0139 0531 0317 0429 0226 0373 0228 0243 0605 0590 0225 0067 0365
Loewe	0542 0067 0117 0400	Novatronic	0067 0135
Logik	0041 0401	Oceanic	0597 0193 0430 0391 0324 0238
Logix	0698	Okano	0400 0067 0294 0102
Luma	0236 0067 0193 0289 0441 0404 039	Omega	0294
Lumatron	0236 0067 0193 0289 0391 0247 0294	Onwa	0401 0248 0463
Lux May	0067 0039	Opera	0067
Luxor	0224 0267 0510 0522 0379 0391 238 0578 0193 0376	Orbit	0067
Madison	0067	Orion	0265 0324 0350 0385 0041 0067 0039 0351 0132 0473 0586 0685 0294 0442
Magnadyne	0117 0277 0546 0132 0193	Orline	0067 0248
Magnafon	0546 0243 0106 0132 0246	Ormond	0415 0698
Mandor	0294	Osaki	0102 0248 0247 0294 0067 0442 0404
Manesth	0067 0265 0247 0294 0350 0065 324	Osio	0067
Manhattan	0067	Oso	0248
Marantz	0067	Reflex	0067
Marelli	0117	Revox	0067 0400
Mark	0067 0247 0246 0404 0039	Rex	0236 0441 0277 0193 0289
Masuda	0248	RFT	0117 0400 0458 0102 0294
Osume	0187 0102 0066 0248	Roadstar	0039 0294 0248 0448
Otto Versand	0040 0535 0066 0123 0542 0067 0586 0225 0379 0221 0391 0265 0139 0243 0324 0256 0277 0333 0350 0247	Robotron	0117
Pael	0246	Royal Lux	0400 0442
Palladium	0400 0067 0221 0535 0040 0230 0448 0586 0277 0357 0379 0117 0193 0243 0247 0441 0685	Saba	0317 0243 0117 0429 0193 0139 0531 0546 0373 0391 0528 0226 0228 0365 0235 0655 0578
Palsonic	0294 0442 0067	Sagem	0485 0640 0312
Panama	0039 0247 0294 0246 0067 0277	Saisho	0265 0546 0039 0041 0247 0193 0294
Panasonic	0256 0680 0280 0244 0243 0391 0267 0397 0546 0067 0193 0578	Salora	0224 0379 0193 0389 0391 0546 0578
Panavision	0067 0441	Sambers	0243 0546 0106 0132
Pathe Cinema	0193 0268 0246 0430 0350 0379	Samsung	0067 0586 0617 0039 0247 0400 0294 0246 0102 0238
Pathe Marconi	0235 0243 0531 0139 0226 0228 0363 0429 0267		



Pausa	0039	Sandra	0246 0247
Perdio	0102 0350 0193 0067	Sanela	0268
Perfekt	0067	Sansui	0067 0401
Pershin	0430	Sanyo	0238 0187 0066 0041 0400 0102
Philco	0117 0114 0104 0448 0106 0243		0246 0247 0134 0243 0039
	0277 0193 0400 0067		0193 0067 0585
Philharmonic	0247	Save	0067
Philips	0586 0067 0042 0353 0221 0117	SBR	0067 0586 0042
	0373	Schaub Lorenz	0379 0578
Phoenix	0067 0117 0350 0400 0415 0246	Schneider	0067 0586 0042 0333 0379 0549
	0193 0102		0424 0382 0366 0289 0353
Phonola	0067 0586 0042 0117 0246		0373 0247 0277 0401 0248
Pioneer	0067 0458 0400 0373 0391 0139		0391 0193 0698
Pionier	0400	SEG	0247 0294 0039 0277 0066 0132
Plantron	0067 0294 0039		0193 0067 0246 0698 0517
Playsonic	0247	SEI	0117 0132 0040 0193 0546 0379
Poppy	0039		0243 0324 0236 0067
Portland	0404	Seleco	0236 0289 0193 0441
Prandoni-Prince	0277 0546 0391 0243 0106	Sencora	0039
Precision	0247	Sentra	0065 0248 0039
Prima	0039 0294	Serino	0485 0640
Prinz	0102 0379 0224	Sharp	1223 0123 0187 0066 0324 0683
Profex	0039 0193		0083
Proline	0351 0102 0067 0042 0655	Shorai	0324
Prosonic	0067 0244 0246 0400 0404 0609	Siam	0067
	0401	Siarem	0193 0117 0132 0243
Protech	0067 0247 0039 0277 0379 0132	Siemens	0221 0230 0225 0243 0357 0358
	0294 0448 0367 0698		0187 0067
Provision	0067	Sierra	0067 0586 0042
Pye	0067 0586 0042 0117	Siesta	0400
Pymi	0039	Silva	0246 0067
Quadra Vision	0430	Silver	0066 0391
Quasar	0277	Singer	0117 0132 0277 0430 0465 0039
Quelle	0067 0040 0041 0531 0139 0542	Sinudyne	0117 0265 0132 0243 0324 0193
	0379 0221 0391 0066 0247		0391 0546 0379 0040 0236
	0277 0104 0114 0357 0336		0067
	0100 0134 0135 0187 0225	Sogera	0350
	0230 0243 0294 0698	Solavox	0391 0102 0193 0578
Questa	0066	Sonitron	0238 0400 0247
R-Line	0067	Sonneclair	0067
Radialva	0139 0248 0193 0067	Sonoko	0067 0039 0294 0312 0247
Radiola	0067 0586 0042 0353	Sonolor	0238 0597 0193 0430 0535 0040
Radiomarelli	0117 0546 0277 0067		0578
RadioShack	0067	Sontec	0067 0400 0324
Radiotone	0039 0067 0458 0400 0609 0448	Sony	1535 1040 1681 0535 0040 0041
	0294 0442		0030 0066 0132 0681 0104
Rank	0100	Sound & Vision	0132 0248 0404
RCA	0590 0655 0365	Soundwave	0067 0350 0448
Recor	0067	Ssangyong	0039
Rediffusion	0391 0578 0066	Standard	0248 0039 0247 0350 0067 0404
Redstar	0067		
Starlite	0039 0193 0067 0294	Unic Line	0067 0503
Stenway	0312 0248	United	0067
Stern	0236 0289 0193	Universum	0376 0135 0225 0503 0391 0277
Strato	0067 0294 0039		0522 0510 0400 0230 0448
Sunkai	0324 0385 0351 0485 0248 0265		0041 0542 0324 0066 0187
	0067 0517		0100 0193 0294 0134 0067
Sunstar	0401 0067 0039		0441 0104 0336 0243 0357
Sunwood	0067 0039		0358 0040 0535 0106 0379
Superla	0546 0246		0247 0531 0139 0367 0661
Supertech	0039 0067 0246 0586		0698
Supra	0404 0039	Univox	0367 0117 0067 0193 0268
Susumu	0365	Vestel	0067 0193 0247
Sutron	0039	Vexa	0039 0067
Swissline	0277	Videologique	0246 0248 0247
Sydney	0246 0247	VideoSystem	0067
Sytong	0246	Videotechnic	0246 0350 0247
Tandberg	0397 0441 0139 0367 0226 0391	Videoton	0193
Tandy	0248 0102 0247 0277 0123	Vidikron	0132
Tashiko	0066 0247 0246 0389 0193	Viper	0367
Tatung	0102 0546 0247 0067 0041	Visiola	0246
Teac	0067 0542 0485 0294 0039 0442	Vision	0067 0350
	0379	Vistar	0236 0391
TEC	0247 0039 0277 0501 0365 0367	Vortec	0067
	0289	Voxson	0117 0106 0067 0448

Tech Line	0067 0698	Waltham	0247 0448 0317 0415 0067
Technema	0350	Watson	0067 0350 0193 0248 0243 0609
Technisat	0685		0549 0424 0039 0698
Tedelex	0247	Watt Radio	0243 0132 0379 0193 0246
Teleavia	0139 0531 0317 0226 0429 0235	Wega	0243 0066 0117 0067
	0363 0520	Wegavox	0039
Telecor	0067 0193 0248 0247 0289 0424	Weltblick	0067 0350
Telefunken	0139 0531 0528 0501 0429 0317	White Westinghouse	0350 0246 0067 0367
	0104 0114 0131 0365 0292	Winco	0442
	0336 0373 0226 0067 0655	Windstar	0312
Telefusion	0067	Xrypton	0067
Telegazi	0067 0193 0289 0248 0294	Yamishi	0312 0485 0248 0067 0247
Telemeister	0350 0067	Yokan	0067
Telesonic	0067	Yoko	0247 0067 0248 0294 0039 0400
Telestar	0067		0246
Teletech	0039 0277 0367 0067 0698	Yorx	0248
Teleton	0247 0236 0193 0379 0289 0066	Zanussi	0236 0247
Televideon	0350 0193 0246		
Televiso	0430		
Temco	0324		
Tempest	0039		
Tensai	0134 0248 0067 0247 0324 0350		
	0039 0135 0404 0401 0277		
Tenson	0350 0039		
Tevion	0549 0067		
Textet	0247 0404 0039		
Thomson	0317 0429 0139 0531 0363 0501		
	0365 0226 0228 0235 0267		
	0373 0067 0520 0590 0655		
Thorn	0268 0104 0114 0067 0134 0365		
	0542 0389 0404 0065		
Tokai	0102 0067 0367 0193 0247 0404		
	0039		
Tokyo	0246 0065		
Tomashi	0312 0248		
Toshiba	0065 0538 0273 0066 0100 0132		
	0247		
Towada	0379 0132 0247		
Trans Continens	0247 0067		
Trident	0546 0247		
Tristar	0248		
Triumph	0546 0376 0586 0067 0273		
Uher	0106 0067 0236 0350 0333 0404		
	0448 0400 0289		
Ultravox	0117 0132 0404 0277 0246 0193		
	0243 0067		

## 15. Technical data

- 300 MHz MIPS Processor
- Linux open source (most parts under GPL)
- DVB Common-Interface Slot
- 2 x Smartcard-Reader
- Integrated Compact Flash Reader (Slot inside the front panel)
- 10/100 Mbit Ethernet Interface
- USB 1.1 Port
- Serial V.24/RS232 port
- Graphical LC-Display
- 128 MByte DDR RAM, 32 MByte Flash
- Integrated IDE UDMA66 connector
- HDD support for all current disk sizes
- Plug&Play TWIN Tuner support, Picture-in-Picture Mode (PiP)
- Changing channels in less than a second
- EPG-support (electronic program guide)
- Built-in Teletext
- Support for multiple LNB-Changeover (DiSEqC)
- Skinable OSD in many languages
- SPDIF optical AC-3 port
- 2 x Scart-Connector, RF Modulator, Video Cinch out
- Analog Modem upgrade available

### **Additional info:**

#### **DVB/S-Tuner (pluggable):**

Frequency Range 950 - 2150 MHz

Signal Level - 65 dBm - 25 dBm

Signal-to-Noise Level 12 dB max.

DBS-Tuner Input Connector F-Type female

Input Impedance 75 Ohm

AFC +/- 3 MHz

Demodulation Shaped QPSK

Symbolrate 2 - 45 Mbaud/s, SCPC / MCPC

Inner FEC: Rates:1/2, 2/3, 3/4, 5/6, 7/8 (DVB specification)

Demultiplexing according to ISO 13818-1

#### **DVB/C-Tuner (pluggable):**

Input/Loop through Connector IEC 169-24, Female

Frequency Range 50 - 870 MHz

Signal Level Input -20 - 25dBm

Demodulation QAM

Constellation 16, 32, 64, 128 and 256 QAM

Input Symbol Rate 7.252 Msps max.

#### **DVB/T-Tuner (pluggable):**

Input/Loop through Connector: IEC 169-24, Female/Male

Frequency Range: VHF(174 ~ 230MHz), UHF(470 ~ 862MHz)

Signal Level Input: -78 - 20dBm

Aerial supply: 5V, max. 100mA

Demodulation: OFDM

Carrier Mode: 2k and 8k hierarchical/non-hierarchical

Constellation: QPSK, 16 and 64 QAM

Guard Interval: 1/4, 1/8, 1/16 and 1/32

**Common-Interface:**

Common-Interface Power Consumption max. 0,3A/5V

**Video decoder:**

Video Compression MPEG-2 and MPEG-1 compatible

Video Standard PAL G/ 25 Hz

Video Formats 4:3 / 16:9

Footage 16:9, automatic assimilation for 16:9 TV-Device (over Scart)

Letterbox percolating for 4:3 TV-Device

**Audio decoder:**

Audio compression MPEG-1 & MPEG-2 Layer I and II

Audio Mode Dual (main/sub), Stereo

Frequency: 32 kHz, 44.1 kHz, 48 kHz, 16 kHz, 22.05 kHz, 24 kHz

**Output analog:**

Output Level L/R 0,5 Vss on 600 Ohm

THD > 60 dB (1 kHz)

Crosstalk < -65 dB

**Output digital:**

Output Level 0,5 Vss on 75 Ohm

Sampled Data Filtering 32 kHz, 44.1 kHz, 48 kHz

S/PDIF-Output optical (AC3)

**Video parameter:**

Input Level FBAS 1 Vss +/- 0.3 dB on 75 Ohm Teletext  
filter in conformity with ETS 300 472 Standard

**TV-Scart:**

Output: FBAS,RGB,S-VHS over OSD selectable

**VCR-Scart:**

Input: FBAS,RGB,S-VHS

Output: FBAS

**Serial Interface RS 232:**

Typ RS232 bidirectional

Bitrate 115,2 kBit/s max.

Plug Connector SUB-D-9

Function Update of Firmware and Preprogramming

**Ethernet:**

100 Mbit compatible, bi-directional interface Function

Update of Firmware and Preprogramming

**USB:**

USB 1.1 connector

**UDMA66 IDE Interface:**

Internal HDD connector  
Compact Flash - Reader

**LNB power and polarization per tuner:**

LNB Current 500mA max. ; short-circuit-proof  
LNB Voltage vertical < 14V without load, > 11,5V at 400mA LNB  
Voltage horizontal < 20V without load, > 17,3V at 400mA LNB  
shut-off at Standby-Mode

**Count of active satellite position:**

DiSEqC 1.0/1.1/1.2 SAT POSITION / SAT OPTION  
DiSEqC - Rotor Control

**Power consumption:**

ca. 60 W (in Use / 400mA LNB current)  
ca. 6 W (Deep-Standby-Mode)

**Input voltage:**

110/230V / 50/60 Hz AC +/- 15%

**Physical specification:**

Ambient Temperature +15°C...+35°C  
Humidity < 80%  
Size (W x D x H): 374 mm x 230 mm x 75 mm  
Weight: 2,2 kg without HDD

## 16. Contact & support information

### Headquarter & Distribution:

Dream-Multimedia  
Sales and distribution through Visoduck Discount GmbH  
Pierbusch 24-26  
44536 Lünen  
Germany

### Dealer's Hotline:

(Dealers only)

Tel.: +49 (0)180 - 368 43 98 - 000 (0,09€/min.)

Fax: +49 (0)180 - 368 43 98 - 001 (0,09€/min.)

You can reach the dealer's hotline from :

Mo - Fr. 09:00 am - 12:00 pm and 01:00 pm - 03:00 pm

### Technical Hotline:

Tel.: +49 (0)180 - 368 43 99 - 777 (0,09€/min.)

Fax: +49 (0)180 - 368 43 99 - 778 (0,09€/min.)

You can reach the technical hotline from:

Mo - Fr. 09:00 am - 12:00 pm and 01:00 pm - 03:00 pm

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### Dealers & Pricing:

E-Mail: [info@dream-multimedia-tv.de](mailto:info@dream-multimedia-tv.de)

### Technical Support:

E-Mail: [support@dream-multimedia-tv.de](mailto:support@dream-multimedia-tv.de)

### Website:

Weblink: <http://www.dream-multimedia-tv.de>

### Support Forum:

Weblink: <http://www.dream-multimedia-tv.de/board>

### Software Support (actual images):

Weblink DM 7025: <http://www.dm7025.de>

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Version 2, June 1991

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